



September 15, 2005

SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

ATTN: MR. THOMAS POTTER

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

This Quarterly Monitoring Report for Bulk Plant 0220 is being sent to you for your review and comment. If no comments are received by **September 22, 2005**, all copies of this report will be sent to you for distribution.

Please send all comments to me at dlee@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7382.

Sincerely,

TRC

A handwritten signature in black ink that reads "Daniel Lee".

Daniel Lee
Technical Writer



September 15, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Bulk Plan 0220, located at 720 North Franklin Street, Fort Bragg, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature in black ink that reads "Anju Farfan".

Anju Farfan
QMS Operations Manager

CC: Mr. Thomas Potter, SECOR International, Inc. (4 copies)

Enclosures
20-0400/0220R08.QMS



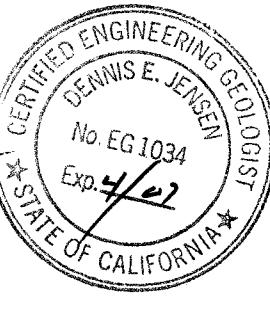
**QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005**

BULK PLANT 0220
720 North Franklin Street
Fort Bragg, California

Prepared For:

Mr. Thomas Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, CA 95818

By:



The circular seal contains the following text:
CERTIFIED ENGINEERING GEOLOGIST
DENNIS E. JENSEN
No. EG 1034
Exp. 4/02
STATE OF CALIFORNIA

Senior Project Geologist, Irvine Operations
September 13, 2005

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results Table 3b: Additional Analytical Results Table 4: Headspace Measurements
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July 2005 through September 2005
Bulk Plant 0220
720 North Franklin Street
Fort Bragg, CA

Project Coordinator: **Thomas Kosel** Water Sampling Contractor: **TRC**
Telephone: **916-558-7666** Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **08/04/05**

Sample Points

Groundwater wells: **6** onsite, **6** offsite Wells gauged: **12** Wells sampled: **12**

Purging method: **Bailer**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **11.25 feet** Maximum: **15.45 feet**
Average groundwater elevation (relative to available local datum): **62.84 feet**
Average change in groundwater elevation since previous event: **-2.60 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, northwest**
 Previous event: **0.02 ft/ft, northwest (05/05/05)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-D**: **6** Maximum: **640,000 µg/l (MW-4)**
Wells with **TPPH 8260B**: **4** Maximum: **16,000 µg/l (MW-4)**
Wells with **MTBE**: **1** Maximum: **4.1 µg/l (MW-10)**

Notes:

Field measurements for pH, Temperature, and Conductivity for wells MW-6, MW-7, and MW-9 were collected on 8/29/05.

MW-6=Sampled annually, MW-7=Sampled annually, MW-9=Sampled annually,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
$\mu\text{g/l}$	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethylene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A “J” flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

REFERENCE

TRC began groundwater monitoring and sampling Bulk Plant 0220 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 4, 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 (Screen Interval in feet: 10.5-20.5)															
08/04/05	77.64	13.60	0.00	64.04	-2.17	3600	--	1000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2 (Screen Interval in feet: 10.5-25.5)	08/04/05	77.98	13.66	0.00	64.32	-2.25	ND>50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
MW-3 (Screen Interval in feet: 10.0-22.0)	08/04/05	76.82	13.36	0.00	63.46	-1.98	170	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
MW-4 (Screen Interval in feet: 10.0-20.0)	08/04/05	78.95	14.49	0.00	64.46	-2.54	640000	--	16000	ND<50	ND<50	ND<100	--	ND<50	
MW-5 (Screen Interval in feet: 10.0-20.0)	08/04/05	79.77	15.45	0.00	64.32	-2.15	ND>50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6 (Screen Interval in feet: 8.0-18.0)	08/04/05	76.32	11.76	0.00	64.56	-1.80	--	--	--	--	--	--	--	--	Sampled annually
MW-7 (Screen Interval in feet: 8.0-18.0)	08/04/05	77.90	13.35	0.00	64.55	-3.79	--	--	--	--	--	--	--	--	Sampled annually
MW-8 (Screen Interval in feet: 6.0-18.0)	08/04/05	74.58	12.02	0.00	62.56	-2.05	250000	--	490	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9 (Screen Interval in feet: 9.0-20.0)	08/04/05	73.31	11.25	0.00	62.06	-2.64	--	--	--	--	--	--	--	--	Sampled annually
MW-10 (Screen Interval in feet: 4.0-19.0)	08/04/05	72.23	12.53	0.00	59.70	-3.20	100	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	4.1	ND<0.50
MW-11 (Screen Interval in feet: 4.0-20.0)	08/04/05	73.76	13.49	0.00	60.27	-3.57	36000	--	200	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12 (Screen Interval in feet: 4.0-19.0)	08/04/05	72.96	13.13	0.00	59.83	-3.02	ND>50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 (Screen Interval in feet: 10.5-20.5)															
02/07/89	--	--	--	--	--	120000	4900	--	31	12	26	53	--	--	
08/03/89	--	--	--	--	--	5000	270	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
01/26/90	--	--	--	--	--	1200	1500	--	50	23	1.0	100	--	--	
04/30/90	--	--	--	--	--	1100	690	--	0.89	ND	1.8	0.59	--	--	
07/30/90	--	--	--	--	--	1100	740	--	2.0	3.2	3.7	1.1	--	--	
10/29/90	--	--	--	--	--	330	ND	--	ND	0.74	ND	ND	--	--	
01/29/91	--	--	--	--	--	940	94	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	290	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	3500	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	250	220	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	330	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	420	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	77.32	11.43	0.00	65.89	--	180	220	--	ND	ND	ND	ND	--	--	
07/29/93	77.32	13.32	0.00	64.00	-1.89	180	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.10	14.50	0.00	62.60	-1.40	130	150	--	ND	ND	ND	ND	--	--	
01/24/94	77.10	12.28	0.00	64.82	2.22	200	90	--	ND	ND	ND	ND	--	--	
04/15/94	77.10	11.73	0.00	65.37	0.55	270	180	--	ND	ND	ND	ND	--	--	
09/14/94	77.10	14.52	0.00	62.58	-2.79	80	ND	--	ND	1.3	ND	1.0	--	--	
02/10/95	77.10	8.74	0.00	68.36	5.78	190	110	--	ND	ND	0.66	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-1 continued															
08/22/95	77.10	13.75	0.00	63.35	-5.01	95	120	--	ND	ND	0.65	--	--	--	
02/27/96	77.10	9.32	0.00	67.78	4.43	500	190	--	ND	ND	0.69	0.57	--	--	
08/27/96	77.08	13.80	0.00	63.28	-4.50	79	ND	--	ND	ND	ND	--	--	--	
02/20/97	77.08	10.21	0.00	66.87	3.59	440	190	--	ND	ND	ND	ND	--	--	
08/19/97	77.08	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt	
02/17/98	77.08	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt	
08/04/98	77.08	13.11	0.00	63.97	--	128	60.1	--	ND	ND	ND	ND	--	--	
02/19/99	77.08	9.21	0.00	67.87	3.90	450	72	--	ND	ND	ND	ND	--	--	
05/19/99	77.08	11.75	0.00	65.33	-2.54	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	77.08	15.48	0.00	61.60	-3.73	800	ND	--	ND	ND	ND	ND	--	--	
11/24/99	77.08	12.10	0.00	64.98	3.38	--	--	--	--	--	--	--	--	--	
02/15/00	77.08	9.76	0.00	67.32	2.34	5400	630	--	ND	ND	ND	ND	--	--	
05/11/00	77.08	11.80	0.00	65.28	-2.04	--	--	--	--	--	--	--	--	--	
08/09/00	77.08	14.60	0.00	62.48	-2.80	690	120	--	ND	ND	ND	ND	--	--	
11/27/00	77.08	12.98	0.00	64.10	1.62	--	--	--	ND	ND	ND	ND	--	--	
02/14/01	77.08	11.81	0.00	65.27	1.17	3960	6900	--	ND	ND	ND	0.91	ND	--	
05/11/01	77.08	12.04	0.00	65.04	-0.23	--	--	--	ND	ND	ND	ND	--	--	
08/09/01	77.08	14.50	0.00	62.58	-2.46	320	55	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8	2.5	
11/30/01	77.08	11.63	0.00	65.45	2.87	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
02/07/02	77.08	10.51	0.00	66.57	1.12	3500	380	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
05/10/02	77.08	12.43	0.00	64.65	-1.92	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
08/15/02	77.08	14.83	0.00	62.25	-2.40	1100	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	
11/14/02	77.08	13.84	0.00	63.24	0.99	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	ND<2.0	
02/13/03	77.08	10.45	0.00	66.63	3.39	37000	82	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued															
05/16/03	77.08	10.35	0.00	66.73	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	77.08	13.94	0.00	63.14	-3.59	270000	--	7000	ND<5.0	ND<5.0	ND<10	--	--	ND<20	
12/22/03	77.08	11.41	0.00	65.67	2.53	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
05/06/04	77.08	12.05	0.00	65.03	--	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	77.40	14.03	0.00	63.37	-1.66	100	--	ND>50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	
11/10/04	77.64	13.72	0.00	63.92	0.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/03/05	77.64	10.92	0.00	66.72	2.80	450	--	160	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	
05/05/05	77.64	11.43	0.00	66.21	-0.51	230	--	200	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	
08/04/05	77.64	13.60	0.00	64.04	-2.17	3600	--	1000	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	
MW-2 (Screen Interval in feet: 10.5-25.5)															
02/07/89	--	--	--	--	--	1900	2800	--	4.1	ND	ND	7.4	--	--	
08/03/89	--	--	--	--	--	4800	74	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	1400	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	73	480	--	0.5	1.0	1.9	9.0	--	--	
04/30/90	--	--	--	--	--	230	340	--	ND	7.1	8.2	2.4	--	--	
07/30/90	--	--	--	--	--	340	70	--	0.45	ND	2.9	0.6	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	ND	3.0	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	71	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
04/24/92	--	--	--	--	--	77	ND	--	ND	ND	ND	ND	ND	--	--
07/28/92	--	--	--	--	--	61	ND	--	ND	ND	ND	ND	ND	--	--
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
04/30/93	77.94	11.42	0.00	66.52	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
07/29/93	77.94	13.13	0.00	64.81	-1.71	ND	ND	--	ND	ND	ND	ND	ND	--	--
10/27/93	77.52	14.11	0.00	63.41	-1.40	--	--	--	--	ND	ND	ND	ND	--	--
01/24/94	77.52	12.20	0.00	65.32	1.91	ND	ND	--	ND	ND	ND	ND	ND	--	--
04/15/94	77.52	11.50	0.00	66.02	0.70	--	--	--	--	ND	ND	ND	ND	--	--
09/14/94	77.52	14.10	0.00	63.42	-2.60	70	ND	--	ND	ND	ND	ND	1.2	--	--
02/10/95	77.52	8.68	0.00	68.84	5.42	ND	ND	--	ND	ND	ND	ND	ND	--	--
08/22/95	77.52	13.45	0.00	64.07	-4.77	ND	ND	--	ND	ND	ND	ND	ND	--	--
02/27/96	77.52	9.20	0.00	68.32	4.25	110	ND	--	ND	ND	ND	ND	ND	--	--
08/27/96	77.52	13.54	0.00	63.98	-4.34	ND	ND	--	ND	ND	ND	ND	ND	--	--
02/20/97	77.52	10.00	0.00	67.52	3.54	ND	ND	--	ND	ND	ND	ND	ND	--	--
08/19/97	77.52	13.64	0.00	63.88	-3.64	ND	ND	--	ND	ND	ND	ND	ND	--	--
02/17/98	77.52	8.28	0.00	69.24	5.36	ND	ND	--	ND	ND	ND	ND	ND	--	--
08/04/98	77.52	12.92	0.00	64.60	-4.64	ND	ND	--	ND	ND	ND	ND	ND	--	--
02/19/99	77.52	8.81	0.00	68.71	4.11	ND	ND	--	ND	ND	ND	ND	ND	--	--
05/19/99	77.52	11.57	0.00	65.95	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	--
08/05/99	77.52	14.47	0.00	63.05	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	--
11/24/99	77.52	11.95	0.00	65.57	2.52	--	--	--	--	ND	ND	ND	ND	--	--
02/15/00	77.52	9.53	0.00	67.99	2.42	ND	ND	--	--	ND	ND	ND	ND	4.3	6.3
05/11/00	77.52	11.60	0.00	65.92	-2.07	--	--	--	--	ND	ND	ND	ND	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	Thickness (feet)	LPH Elevation (feet)	Ground-water thickness (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
08/09/00	77.52	14.47	0.00	63.05	-2.87	320	-	270	-	ND	ND	ND	ND	ND	-
11/27/00	77.52	12.73	0.00	64.79	1.74	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	77.52	11.60	0.00	65.92	1.13	ND	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
05/11/01	77.52	11.88	0.00	65.64	-0.28	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	77.52	14.36	0.00	63.16	-2.48	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/30/01	77.52	11.50	0.00	66.02	2.86	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	77.52	10.25	0.00	67.27	1.25	79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
05/10/02	77.52	12.32	0.00	65.20	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	77.52	14.69	0.00	62.83	-2.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/14/02	77.52	13.68	0.00	63.84	1.01	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	77.52	10.25	0.00	67.27	3.43	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually
05/16/03	77.52	10.17	0.00	67.35	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	77.52	13.76	0.00	63.76	-3.59	66	--	--	770	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
12/22/03	77.52	11.12	0.00	66.40	2.64	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	77.52	9.41	0.00	68.11	1.71	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled semi-annually
05/06/04	77.52	11.84	0.00	65.68	-2.43	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	77.98	13.89	0.00	64.09	-1.59	110	--	57	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	Sampled semi-annually
11/10/04	77.98	13.92	0.00	64.06	-0.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/03/05	77.98	10.79	0.00	67.19	3.13	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	Sampled semi-annually
05/05/05	77.98	11.41	0.00	66.57	-0.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/05	77.98	13.66	0.00	64.32	-2.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	Sampled semi-annually

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

MW-3 continued	Date	TOC Sampled	Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
08/03/89	--	--	--	--	--	--	--	3500	490	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	ND	2400	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	--	--	210	93	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	--	--	80	120	--	ND	ND	3.8	ND	--	--	
07/30/90	--	--	--	--	--	--	--	310	160	--	ND	ND	2.1	ND	--	--	
10/29/90	--	--	--	--	--	--	--	220	34	--	ND	10	ND	ND	--	--	
01/29/91	--	--	--	--	--	--	--	89	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	--	--	170	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	--	--	69	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	Inaccessible	
01/21/92	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	Inaccessible	
04/24/92	--	--	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	76.81	11.46	0.00	65.35	--	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	
07/29/93	76.81	13.01	0.00	63.80	-1.55	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.33	13.68	0.00	62.65	-1.15	--	--	--	--	--	ND	ND	ND	ND	--	--	
01/24/94	76.33	11.78	0.00	64.55	1.90	170	ND	--	--	--	ND	ND	ND	ND	--	--	
04/15/94	76.33	11.40	0.00	64.93	0.38	--	--	--	--	--	ND	ND	ND	ND	--	--	
09/14/94	76.33	13.68	0.00	62.65	-2.28	85	ND	--	ND	--	ND	ND	1.4	ND	--	--	
02/10/95	76.33	8.33	0.00	68.00	5.35	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	
08/22/95	76.33	13.09	0.00	63.24	-4.76	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	
02/27/96	76.33	9.05	0.00	67.28	4.04	61	ND	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
08/27/96	76.32	13.16	0.00	63.16	-4.12	ND	ND	--	ND	ND	ND	ND	--	--	
02/20/97	76.32	9.88	0.00	66.44	3.28	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	76.32	13.29	0.00	63.03	-3.41	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	76.32	7.97	0.00	68.35	5.32	1100	ND	--	ND	ND	ND	ND	--	--	
08/04/98	76.32	12.70	0.00	63.62	-4.73	ND	ND	--	ND	ND	ND	ND	--	--	
02/19/99	76.32	8.67	0.00	67.65	4.03	ND	ND	--	ND	ND	ND	ND	--	--	
05/19/99	76.32	11.52	0.00	64.80	-2.85	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	76.32	13.93	0.00	62.39	-2.41	ND	ND	--	ND	ND	ND	ND	--	--	
11/24/99	76.32	11.68	0.00	64.64	2.25	--	--	--	--	--	--	--	--	--	
02/15/00	76.32	9.49	0.00	66.83	2.19	8800	710	--	ND	ND	ND	ND	--	--	
05/11/00	76.32	11.41	0.00	64.91	-1.92	--	--	--	--	--	--	--	--	--	
08/09/00	76.32	13.93	0.00	62.39	-2.52	14000	2400	--	ND	ND	ND	ND	--	--	
11/27/00	76.32	12.61	0.00	63.71	1.32	--	--	--	ND	ND	ND	ND	--	--	
02/14/01	76.32	11.50	0.00	64.82	1.11	86.3	ND	--	ND	ND	ND	ND	--	--	
05/11/01	76.32	11.79	0.00	64.53	-0.29	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
08/09/01	76.32	13.88	0.00	62.44	-2.09	990	1200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	76.32	11.01	0.00	65.31	2.87	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
02/07/02	76.32	10.17	0.00	66.15	0.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	76.32	12.14	0.00	64.18	-1.97	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
08/15/02	76.32	14.17	0.00	62.15	-2.03	3300	1400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	76.32	13.33	0.00	62.99	0.84	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
02/13/03	76.32	13.09	0.00	63.23	0.24	280	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	76.32	10.06	0.00	66.26	3.03	--	--	--	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
08/12/03	76.32	13.42	0.00	62.90	-3.36	490	--	--	3200	ND<5.0	ND<5.0	ND<10	--	ND<20	

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 02220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued													
12/22/03	76.32	11.22	0.00	65.10	2.20	--	--	--	--	--	--	--	
02/24/04	76.32	9.26	0.00	67.06	1.96	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	
05/06/04	76.32	11.78	0.00	64.54	-2.52	--	--	--	--	--	--	ND<2.0	
08/04/04	76.82	13.71	0.00	63.11	-1.43	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	
11/10/04	76.82	13.63	0.00	63.19	0.08	500	--	84	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
02/03/05	76.82	10.81	0.00	66.01	2.82	230	--	110	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
05/05/05	76.82	11.38	0.00	65.44	-0.57	--	--	--	--	--	--	ND<0.50	
08/04/05	76.82	13.36	0.00	63.46	-1.98	170	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
MW-4 (Screen Interval in feet: 10.0-20.0)													
02/07/89	--	--	--	160000	8800	--	87	3.9	39	280	--	--	
08/03/89	--	--	--	50000	3300	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction	
01/26/90	--	--	--	94000	17000	--	140	150	25	300	--	--	
04/30/90	--	--	--	10000	2200	--	4.9	1.8	2.4	4.3	--	--	
07/30/90	--	--	--	12000	2700	--	4.6	4.4	3.9	7.1	--	--	
10/29/90	--	--	--	21000	1300	--	6.2	3.4	2.6	4.0	--	--	
01/29/91	--	--	--	47000	6500	--	2.1	ND	3.1	4.6	--	--	
04/26/91	--	--	--	2800	1600	--	ND	ND	ND	8.1	--	--	
07/19/91	--	--	--	34000	1500	--	1.2	2.3	1.3	1.7	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen	
01/21/92	--	--	--	18000	590	--	1.0	0.62	0.69	2.3	--	--	
04/24/92	--	--	--	22000	4400	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
07/28/92	--	--	--	--	--	28000	850	--	0.98	1.1	1.4	1.1	--	--	
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
01/27/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/30/93	79.24	12.38	0.00	66.86	--	47000	2900	--	ND	ND	ND	ND	--	--	
07/29/93	79.24	14.27	0.00	64.97	-1.89	260000	1200	--	5.2	ND	ND	3.2	--	--	
10/27/93	78.93	15.48	0.00	63.45	-1.52	22000	1800	--	ND	ND	ND	ND	--	--	
01/24/94	78.93	13.55	0.00	65.38	1.93	27000	940	--	ND	ND	ND	2.8	--	--	
04/15/94	78.93	12.69	0.00	66.24	0.86	17000	3200	--	ND	ND	ND	2.6	10	--	
09/14/94	78.93	15.50	0.00	63.43	-2.81	18000	3400	--	ND	ND	ND	27	--	--	
02/10/95	78.93	9.60	0.00	69.33	5.90	38000	81000	--	ND	ND	ND	ND	--	--	
08/22/95	78.93	14.76	0.00	64.17	-5.16	48000	18000	--	ND	ND	ND	22	24	--	
02/27/96	78.93	9.11	0.00	69.82	5.65	260000	9500	--	ND	ND	ND	3.2	1.7	--	
08/27/96	78.95	14.75	0.00	64.20	-5.62	130000	11000	--	ND	ND	ND	ND	--	--	
02/20/97	78.95	11.06	0.00	67.89	3.69	ND	150000	--	ND	ND	ND	ND	--	--	
08/19/97	78.95	15.00	0.00	63.95	-3.94	88000	2300	--	ND	ND	ND	ND	--	--	
02/17/98	78.95	9.14	0.00	69.81	5.86	9000	26000	--	ND	ND	ND	ND	--	--	
08/04/98	78.95	14.06	0.00	64.89	-4.92	60000	1680	--	ND	ND	ND	ND	--	--	
02/19/99	78.95	9.56	0.00	69.39	4.50	620	730	--	ND	ND	ND	ND	ND	--	
05/19/99	78.95	12.67	0.00	66.28	-3.11	ND	2400	--	ND	ND	ND	ND	--	--	
08/05/99	78.95	15.42	0.00	63.53	-2.75	110000	1200	--	ND	ND	ND	ND	--	--	
11/24/99	78.95	12.99	0.00	65.96	2.43	52000	21000	--	ND	ND	ND	ND	--	--	
02/15/00	78.95	10.32	0.00	68.63	2.67	52000	4500	--	ND	ND	ND	ND	--	--	
05/11/00	78.95	12.71	0.00	66.24	-2.39	7800	2400	--	5.2	ND	ND	18	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
08/09/00	78.95	15.47	0.02	63.49	-2.75	69000	620000	--	ND	ND	ND	ND	ND	--	
11/27/00	78.95	13.78	0.00	65.17	1.68	210000	85000	--	ND	ND	ND	ND	ND	--	
02/14/01	78.95	12.67	0.00	66.28	1.11	82700	80000	--	ND	ND	ND	ND	ND	--	
05/11/01	78.95	13.10	0.00	65.85	-0.43	210000	24000	--	ND	ND	ND	ND	ND	--	
08/09/01	78.95	15.31	0.00	63.64	-2.21	71000	3600	--	ND<10	ND<10	14	ND<10	ND<50	--	
11/30/01	78.95	12.38	0.00	66.57	2.93	120000	3400	--	ND<1.0	1.0	2.9	ND<1.0	ND<5.0	--	
02/07/02	78.95	11.42	0.00	67.53	0.96	210000	30000	--	ND<2.5	ND<2.5	15	19	ND<12	--	
05/10/02	78.95	13.50	0.00	65.45	-2.08	790000	21000	--	ND<5.0	9.5	12	16	ND<25	--	
08/15/02	78.95	15.76	0.00	63.19	-2.26	1700000	140000	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	
11/14/02	78.95	14.64	0.00	64.31	1.12	72000	91000	--	ND<50	ND<50	910	1800	ND<250	--	
02/13/03	78.95	11.32	0.00	67.63	3.32	1300000	3100	--	ND<2.5	9.7	28	27	ND<10	--	
05/16/03	78.95	11.20	0.00	67.75	0.12	240000	5000	--	ND<2.5	ND<2.5	19	21	ND<12	--	
08/12/03	78.95	14.83	0.00	64.12	-3.63	570000	--	23000	ND<5.0	ND<5.0	ND<10	--	ND<20	--	
12/22/03	78.95	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Equipment over well	
02/24/04	78.95	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible	
05/06/04	78.95	12.96	0.00	65.99	--	51000	--	940	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/04	78.95	14.96	0.00	63.99	-2.00	200000	--	42000	ND<5.0	ND<5.0	ND<10	--	--	ND<5.0	
11/10/04	78.95	14.56	0.00	64.39	0.40	72000	--	3600	ND<2.5	ND<2.5	ND<5.0	--	--	ND<2.5	
02/03/05	78.95	11.46	0.00	67.49	3.10	--	--	3200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
05/05/05	78.95	11.95	0.00	67.00	-0.49	18000	--	11000	ND<0.50	ND<0.50	ND<1.0	--	--	ND<5.0	
08/04/05	78.95	14.49	0.00	64.46	-2.54	640000	--	16000	ND<50	ND<50	ND<100	--	--	ND<50	
MW-5 (Screen Interval in feet: 10.0-20.0)															
04/01/89	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued															
08/03/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	2300	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	ND	380	--	2.2	3.9	4.2	1.4	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	85	130	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	53	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	60	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	80.24	13.74	0.00	66.50	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	80.24	15.61	0.00	64.63	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	79.75	16.52	0.00	63.23	-1.40	--	--	--	--	--	--	--	--	--	
01/24/94	79.75	14.37	0.00	65.38	2.15	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	79.75	13.74	0.00	66.01	0.63	--	--	--	--	--	--	--	--	--	
09/14/94	79.75	16.55	0.00	63.20	-2.81	90	ND	--	ND	1.1	ND	1.1	--	--	
02/10/95	79.75	10.62	0.00	69.13	5.93	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	79.75	15.83	0.00	63.92	-5.21	ND	150	--	ND	ND	ND	ND	--	--	
02/27/96	79.75	11.12	0.00	68.63	4.71	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Sampled	Date	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
	08/27/96	79.77	15.82	0.00	63.95	-4.68	ND	ND	--	ND	ND	ND	ND	ND	--	--
	02/20/97	79.77	12.06	0.00	67.71	3.76	120000	ND	--	ND	ND	ND	ND	ND	--	--
	08/19/97	79.77	16.02	0.00	63.75	-3.96	460	ND	--	ND	ND	ND	ND	ND	--	--
	02/17/98	79.77	10.22	0.00	69.55	5.80	170	ND	--	ND	ND	ND	ND	ND	--	--
	08/04/98	79.77	15.45	0.00	64.32	-5.23	ND	ND	--	ND	ND	ND	ND	ND	--	--
	02/19/99	79.77	10.61	0.00	69.16	4.84	ND	ND	--	ND	ND	ND	ND	ND	--	--
	05/19/99	79.77	13.93	0.00	65.84	-3.32	ND	ND	--	ND	ND	ND	ND	ND	--	--
	08/05/99	79.77	16.27	0.00	63.50	-2.34	ND	ND	--	ND	ND	ND	ND	ND	--	--
	11/24/99	79.77	13.42	0.00	66.35	2.85	--	--	--	--	--	--	--	--	--	--
	02/15/00	79.77	11.37	0.00	68.40	2.05	ND	ND	--	ND	ND	ND	ND	ND	--	--
	05/11/00	79.77	14.07	0.00	65.70	-2.70	--	--	--	--	--	--	--	--	--	--
	08/09/00	79.77	16.26	0.00	63.51	-2.19	ND	ND	--	ND	ND	ND	ND	ND	--	--
	11/27/00	79.77	15.24	0.00	64.53	1.02	--	--	--	--	--	--	--	--	--	--
	02/14/01	79.77	13.45	0.00	66.32	1.79	ND	ND	--	ND	ND	ND	ND	ND	--	--
	05/11/01	79.77	14.29	0.00	65.48	-0.84	--	--	--	--	--	--	--	--	--	--
	08/09/01	79.77	16.18	0.00	63.59	-1.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
	11/30/01	79.77	12.81	0.00	66.96	3.37	--	--	--	--	--	--	--	--	--	--
	02/07/02	79.77	12.45	0.00	67.32	0.36	64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
	05/10/02	79.77	14.76	0.00	65.01	-2.31	--	--	--	--	--	--	--	--	--	--
	08/15/02	79.77	16.56	0.00	63.21	-1.80	51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
	11/14/02	79.77	15.25	0.00	64.52	1.31	--	--	--	--	--	--	--	--	--	--
	02/13/03	79.77	12.36	0.00	67.41	2.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
	05/16/03	79.77	12.28	0.00	67.49	0.08	--	--	--	--	--	--	--	--	--	--
	08/12/03	79.77	15.90	0.00	63.87	-3.62	ND<50	--	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued													
12/22/03	79.77	12.73	0.00	67.04	3.17	--	--	--	--	--	--	--	
02/24/04	79.77	11.28	0.00	68.49	1.45	--	--	--	--	--	--	--	
05/06/04	79.77	14.37	0.00	65.40	-3.09	--	--	--	--	--	--	--	
08/04/04	79.77	16.42	0.00	63.35	-2.05	--	--	--	--	--	--	--	
11/10/04	79.77	17.03	0.00	62.74	-0.61	--	--	--	--	--	--	--	
02/03/05	79.77	12.29	0.00	67.48	4.74	--	--	--	--	--	--	--	
05/05/05	79.77	13.30	0.00	66.47	-1.01	--	--	--	--	--	--	--	
08/04/05	79.77	15.45	0.00	64.32	-2.15	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-6													
04/01/89	--	--	--	--	--	400	ND	ND	ND	ND	ND	--	
08/03/89	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	
10/26/89	--	--	--	--	--	ND	1700	--	ND	ND	ND	--	
01/26/90	--	--	--	--	--	ND	ND	--	0.5	0.9	ND	--	
04/30/90	--	--	--	--	--	ND	ND	--	ND	3.2	ND	--	
07/30/90	--	--	--	--	--	ND	ND	--	0.51	2.6	0.79	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	8.7	ND	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	--	

MW-6
(Screen Interval in feet: 8.0-18.0)

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	76.76	10.52	0.00	66.24	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	76.76	11.97	0.00	64.79	-1.45	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.32	12.35	0.00	63.97	-0.82	--	--	--	--	--	--	--	--	--	
01/24/94	76.32	10.83	0.00	65.49	1.52	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	76.32	10.54	0.00	65.78	0.29	--	--	--	ND	ND	ND	ND	--	--	
09/14/94	76.32	12.34	0.00	63.98	-1.80	82	ND	--	ND	ND	ND	ND	--	--	
02/10/95	76.32	7.69	0.00	68.63	4.65	ND	ND	--	ND	ND	ND	ND	1.3	--	
08/22/95	76.32	11.90	0.00	64.42	-4.21	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	76.32	8.26	0.00	68.06	3.64	64	ND	--	ND	ND	ND	ND	--	--	
08/27/96	76.31	12.02	0.00	64.29	-3.77	ND	70	--	ND	ND	8.6	ND	--	--	
02/20/97	76.31	9.07	0.00	67.24	2.95	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	76.31	12.09	0.00	64.22	-3.02	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	76.31	7.28	0.00	69.03	4.81	82	ND	--	ND	ND	ND	ND	--	--	
08/04/98	76.31	11.86	0.00	64.45	-4.58	ND	141	--	ND	ND	ND	ND	--	--	
02/19/99	76.31	7.91	0.00	68.40	3.95	ND	ND	--	ND	ND	ND	ND	--	--	
05/19/99	76.31	10.58	0.00	65.73	-2.67	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	76.31	12.84	0.00	63.47	-2.26	200	ND	--	ND	ND	ND	ND	--	--	
11/24/99	76.31	10.86	0.00	65.45	1.98	--	--	--	--	--	--	--	--	--	
02/15/00	76.31	8.60	0.00	67.71	2.26	ND	ND	--	ND	ND	ND	ND	--	--	
05/11/00	76.31	10.65	0.00	65.66	-2.05	--	--	--	--	--	--	--	--	--	
08/09/00	76.31	12.62	0.00	63.69	-1.97	ND	ND	--	ND	ND	ND	ND	--	--	
11/27/00	76.31	11.77	0.00	64.54	0.85	--	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-6 continued															
02/14/01	76.31	10.58	0.00	65.73	1.19	98.6	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
05/11/01	76.31	10.87	0.00	65.44	-0.29	--	--	--	--	--	--	--	--	--	Sampled annually
08/09/01	76.31	12.62	0.00	63.69	-1.75	--	--	--	--	--	--	--	--	--	Sampled annually
11/30/01	76.31	10.34	0.00	65.97	2.28	--	--	--	--	--	--	--	--	--	Sampled annually
02/07/02	76.31	9.30	0.00	67.01	1.04	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled annually
05/10/02	76.31	11.30	0.00	65.01	-2.00	--	--	--	--	--	--	--	--	--	Sampled annually
08/15/02	76.31	12.88	0.00	63.43	-1.58	--	--	--	--	--	--	--	--	--	Sampled annually
11/14/02	76.31	12.20	0.00	64.11	0.68	--	--	--	--	--	--	--	--	--	Sampled annually
02/13/03	76.31	9.19	0.00	67.12	3.01	78	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled annually
05/16/03	76.31	9.18	0.00	67.13	0.01	--	--	--	--	--	--	--	--	--	Sampled annually
08/12/03	76.31	12.17	0.00	64.14	-2.99	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	76.31	9.23	0.00	67.08	2.94	--	--	--	--	--	--	--	--	--	Sampled Annually
02/24/04	76.31	8.37	0.00	67.94	0.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled annually
05/06/04	76.31	10.83	0.00	65.48	-2.46	--	--	--	--	--	--	--	--	--	Monitored Only
08/04/04	76.32	12.86	0.00	63.46	-2.02	--	--	--	--	--	--	--	--	--	Sampled annually
11/10/04	76.32	12.00	0.00	64.32	0.86	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
02/03/05	76.32	9.29	0.00	67.03	2.71	200	--	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
05/05/05	76.32	9.96	0.00	66.36	-0.67	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	76.32	11.76	0.00	64.56	-1.80	--	--	--	--	--	--	--	--	--	Sampled annually
MW-7 (Screen Interval in feet: 8.0-18.0)															
04/01/89	--	--	--	--	--	390	130	--	1.1	ND	ND	ND	--	--	Sampled annually
08/03/89	--	--	--	--	--	ND	54	--	1.4	0.93	0.71	0.35	--	--	Sampled annually
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
01/26/90	--	--	--	--	--	53	180	--	5.0	4.0	ND	10	--	--	
04/30/90	--	--	--	--	--	130	72	--	ND	ND	0.62	--	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	ND	1.7	0.61	0.92	--	--	
10/29/90	--	--	--	--	--	83	ND	--	ND	ND	3.2	ND	--	--	
01/29/91	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	68	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	120	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	78.38	10.09	0.00	68.29	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	78.38	11.85	0.00	66.53	-1.76	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.86	13.17	0.00	64.69	-1.84	--	--	--	--	ND	ND	ND	--	--	
01/24/94	77.86	11.10	0.00	66.76	2.07	78	ND	--	ND	ND	ND	ND	--	--	
04/15/94	77.86	10.22	0.00	67.64	0.88	--	--	--	--	ND	ND	ND	--	--	
09/14/94	77.86	13.15	0.00	64.71	-2.93	130	ND	--	ND	ND	1.2	ND	--	--	
02/10/95	77.86	7.25	0.00	70.61	5.90	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	77.86	12.35	0.00	65.51	-5.10	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	77.86	7.66	0.00	70.20	4.69	ND	ND	--	ND	ND	ND	ND	--	--	
08/27/96	77.87	12.48	0.00	65.39	-4.81	ND	ND	--	ND	ND	8.5	ND	--	--	
02/20/97	77.87	8.59	0.00	69.28	3.89	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
08/19/97	77.87	12.59	0.00	65.28	-4.00	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	77.87	6.75	0.00	71.12	5.84	87	ND	--	ND	ND	ND	ND	--	--	
08/04/98	77.87	11.79	0.00	66.08	-5.04	66.6	ND	--	ND	ND	ND	ND	--	--	
02/19/99	77.87	7.12	0.00	70.75	4.67	ND	ND	--	ND	ND	ND	ND	--	--	
05/19/99	77.87	10.58	0.00	67.29	-3.46	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	77.87	--	--	--	--	ND	ND	--	--	--	--	--	--	Dry well	
11/24/99	77.87	10.76	0.00	67.11	--	--	ND	--	--	ND	ND	ND	--	Sampled annually	
02/15/00	77.87	7.85	0.00	70.02	2.91	ND	ND	--	ND	ND	ND	ND	--	--	
05/11/00	77.87	10.48	0.00	67.39	-2.63	--	--	--	--	--	--	--	--	--	
08/09/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	Dry well	
11/27/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate	
02/14/01	77.87	10.31	0.00	67.56	--	102	ND	--	ND	ND	ND	ND	--	--	
05/11/01	77.87	11.11	0.00	66.76	-0.80	--	--	--	--	--	--	--	--	--	
08/09/01	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	
11/30/01	77.87	10.07	0.00	67.80	--	--	--	--	--	--	--	--	--	--	
02/07/02	77.87	8.98	0.00	68.89	1.09	61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
05/10/02	77.87	11.35	0.00	66.52	-2.37	--	--	--	--	--	--	--	--	--	
08/15/02	77.87	--	--	--	--	--	--	--	--	--	--	--	--	Dry well	
11/14/02	77.87	13.38	0.00	64.49	--	--	--	--	--	--	--	--	--	--	
02/13/03	77.87	8.94	0.00	68.93	4.44	72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--	
05/16/03	77.87	8.81	0.00	69.06	0.13	--	--	--	--	--	--	--	--	--	
08/12/03	77.87	14.13	0.00	63.74	-5.32	--	--	--	--	--	--	--	--	--	
12/22/03	77.87	9.74	0.00	68.13	4.39	--	--	--	--	--	--	--	--	--	
02/24/04	77.87	7.88	0.00	69.99	1.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
05/06/04	77.87	10.60	0.00	67.27	-2.72	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
08/04/04	77.90	12.59	0.00	65.31	-1.96	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	77.90	12.60	0.00	65.30	-0.01	--	--	--	--	--	--	--	--	--	Sampled annually
02/03/05	77.90	8.93	0.00	68.97	3.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50
05/05/05	77.90	9.56	0.00	68.34	-0.63	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	77.90	13.35	0.00	64.55	-3.79	--	--	--	--	--	--	--	--	--	Sampled annually
MW-8															
(Screen Interval in feet: 6.0-18.0)															
04/01/89	--	--	--	--	--	77000	1700	--	ND	ND	ND	ND	ND	--	--
08/03/89	--	--	--	--	--	1900	1600	--	ND	ND	ND	ND	ND	--	--
10/26/89	--	--	--	--	--	9400000	2500	--	ND	ND	ND	ND	ND	--	--
01/26/90	--	--	--	--	--	8900	10000	--	ND	6.0	10	20	--	--	--
04/30/90	--	--	--	--	--	4600	1300	--	3.4	0.95	ND	5.3	--	--	--
07/30/90	--	--	--	--	--	3300	1200	--	ND	1.3	3.1	7.7	--	--	--
10/29/90	--	--	--	--	--	9500	1700	--	ND	0.78	2.4	ND	--	--	--
01/29/91	--	--	--	--	--	3500	1400	--	ND	ND	0.91	ND	--	--	--
04/26/91	--	--	--	--	--	11000	2400	--	ND	ND	ND	ND	--	--	--
07/19/91	--	--	--	--	--	12000	590	--	ND	1.0	ND	ND	--	--	--
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen
01/21/92	--	--	--	--	--	43000	40000	--	ND	ND	ND	ND	ND	--	--
04/24/92	--	--	--	--	--	12000	3600	--	ND	ND	ND	ND	ND	--	--
07/28/92	--	--	--	--	--	26000	85000	--	ND	ND	ND	ND	ND	--	--
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

MW-8 continued	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
01/27/93	--	--	--	--	--	--	8300	960	--	2.2	ND	1.3	4.2	--	--	
04/30/93	75.08	10.53	0.00	64.55	--	100000	4800	--	ND	ND	ND	ND	--	--	Sheen	
07/29/93	75.08	12.13	0.00	62.95	-1.60	220000	800	--	ND	ND	2.3	ND	--	--	Sheen	
10/27/93	74.60	12.92	0.00	61.68	-1.27	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
01/24/94	74.60	10.87	0.00	63.73	2.05	1200	400	--	1.5	ND	ND	1.1	1.4	--	Sheen	
04/15/94	74.60	10.48	0.00	64.12	0.39	49000	2500	--	2.6	ND	ND	ND	--	--		
09/14/94	74.60	12.92	0.00	61.68	-2.44	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
02/10/95	74.60	6.88	0.00	67.72	6.04	210000	160000	--	ND	ND	ND	ND	ND	--	Sheen	
08/22/95	74.60	12.18	0.00	62.42	-5.30	20000	1000000	--	ND	ND	ND	ND	--	--		
02/27/96	74.60	7.69	0.00	66.91	4.49	660000	370000	--	ND	ND	ND	55	210	--	Sheen	
08/27/96	74.57	12.31	0.00	62.26	-4.65	14000	1100	--	ND	ND	ND	ND	--	--	Sheen	
02/20/97	74.57	8.78	0.00	65.79	3.53	550	240	--	ND	ND	1.3	0.72	2.1	--		
08/19/97	74.57	12.45	0.00	62.12	-3.67	200000	20000	--	ND	ND	ND	ND	--	--	Sheen	
02/17/98	74.57	6.50	0.00	68.07	5.95	220000	20000	--	ND	ND	ND	ND	210	--	Sheen	
08/04/98	74.57	11.92	0.00	62.65	-5.42	223000	106000	--	ND	ND	ND	ND	ND	--	Sheen	
02/19/99	74.57	7.22	0.00	67.35	4.70	--	200	--	0.50	ND	ND	ND	ND	--		
05/19/99	74.57	10.77	0.00	63.80	-3.55	ND	8900	--	ND	ND	ND	6.0	ND	--		
08/05/99	74.57	13.05	0.00	61.52	-2.28	48000	2060	--	ND	ND	ND	ND	ND	--		
11/24/99	74.57	11.00	0.00	63.57	2.05	670000	370000	--	ND	ND	ND	ND	ND	--	Sheen	
02/15/00	74.57	8.25	0.00	66.32	2.75	320000	45000	--	ND	ND	ND	ND	ND	--	Sheen	
05/11/00	74.57	10.81	0.00	63.76	-2.56	660000	1500000	--	ND	ND	ND	730	9000	--	Sheen	
08/09/00	74.57	13.02	0.00	61.55	-2.21	280000	1000000	--	ND	ND	ND	500	820	--	Sheen	
11/27/00	74.57	11.70	0.00	62.87	1.32	240000	56000	--	ND	ND	ND	ND	ND	--	Sheen	

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued															
02/14/01	74.57	10.63	0.00	63.94	1.07	3310	3100000	--	ND	ND	2300	6200	ND	--	
05/11/01	74.57	10.88	0.00	63.69	-0.25	460000	26000	--	ND	ND	ND	ND	ND	--	
08/09/01	74.57	12.94	0.00	61.63	-2.06	24000	8600	--	ND<5.0	ND<5.0	ND<5.0	16	ND<25	--	
11/30/01	74.57	10.58	0.00	63.99	2.36	300000	35000	--	ND>25	ND<25	ND<25	ND<120	ND<120	--	
02/07/02	74.57	9.12	0.00	65.45	1.46	130000	43000	--	ND<2.5	ND<2.5	9.3	17	ND<12	--	
05/10/02	74.57	11.30	0.00	63.27	-2.18	470000	13000	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
08/15/02	74.57	13.31	0.00	61.26	-2.01	4000000	270000	--	ND>2500	ND>2500	ND>2500	ND>2500	ND<12000	--	
11/14/02	74.57	12.42	0.00	62.15	0.89	4300000	100000	--	ND<50	ND<50	430	520	ND>250	--	
02/13/03	74.57	8.91	0.00	65.66	3.51	3600000	100000	--	ND<100	ND<100	330	700	ND<400	--	
05/16/03	74.57	8.94	0.00	65.63	-0.03	530000	1600	--	ND<5.0	ND<5.0	11	8.9	400	ND<10	
08/12/03	74.57	12.57	0.00	62.00	-3.63	660000	--	210000	ND<50	ND<50	ND<50	ND<100	--	ND<200	
12/22/03	74.57	10.46	0.00	64.11	2.11	150000	--	41000	--	--	--	--	--	--	
02/24/04	74.57	7.92	0.00	66.65	2.54	2900	--	3300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
05/06/04	74.57	11.00	0.00	63.57	-3.08	12000	--	630	--	--	--	--	--	--	
08/04/04	74.58	12.97	0.00	61.61	-1.96	50000	--	580	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
11/10/04	74.58	13.10	0.00	61.48	-0.13	140000	--	8500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
02/03/05	74.58	9.25	0.00	65.33	3.85	11000	--	9900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
05/05/05	74.58	9.97	0.00	64.61	-0.72	13000	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/05	74.58	12.02	0.00	62.56	-2.05	250000	--	490	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9 (Screen Interval in feet: 9.0-20.0)															
04/01/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	
08/03/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	
10/26/89	--	--	--	--	--	ND	25000	--	ND	ND	ND	ND	ND	--	
01/26/90	--	--	--	--	--	300	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-D	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
MW-9 continued															
04/30/90	--	--	--	--	--	ND	ND	--	ND	0.8	ND	ND	--	--	--
07/30/90	--	--	--	--	--	ND	ND	--	ND	3.4	0.45	0.33	--	--	--
10/29/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
04/30/93	73.72	9.23	0.00	64.49	--	ND	ND	--	ND	ND	ND	ND	--	--	--
07/29/93	73.72	11.10	0.00	62.62	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	--
10/27/93	73.29	11.97	0.00	61.32	-1.30	--	--	--	ND	ND	ND	ND	--	--	--
01/24/94	73.29	9.73	0.00	63.56	2.24	ND	ND	--	ND	ND	ND	ND	--	--	--
04/15/94	73.29	9.24	0.00	64.05	0.49	--	--	--	ND	ND	ND	ND	--	--	--
09/14/94	73.29	11.96	0.00	61.33	-2.72	110	ND	--	ND	0.79	ND	0.78	--	--	--
02/10/95	73.29	5.74	0.00	67.55	6.22	91	ND	--	ND	ND	ND	ND	--	--	--
08/22/95	73.29	11.51	0.00	61.78	-5.77	ND	ND	--	ND	ND	ND	ND	--	--	--
02/27/96	73.29	6.52	0.00	66.77	4.99	65	ND	--	ND	ND	ND	ND	--	--	--
08/27/96	73.31	11.60	0.00	61.71	-5.06	ND	ND	--	ND	7.8	ND	ND	--	--	--
02/20/97	73.31	7.46	0.00	65.85	4.14	ND	ND	--	ND	ND	ND	ND	--	--	--
08/19/97	73.31	11.70	0.00	61.61	-4.24	ND	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-9 continued															
02/17/98	73.31	5.34	0.00	67.97	6.36	180	ND	--	ND	ND	ND	ND	--	--	
08/04/98	73.31	11.23	0.00	62.08	-5.89	ND	103	--	ND	ND	ND	ND	--	--	
02/19/99	73.31	6.12	0.00	67.19	5.11	ND	ND	--	ND	ND	ND	ND	--	--	
05/19/99	73.31	9.41	0.00	63.90	-3.29	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	73.31	12.22	0.00	61.09	-2.81	ND	ND	--	ND	ND	ND	ND	--	--	
11/24/99	73.31	10.08	0.00	63.23	2.14	--	--	--	--	--	--	--	--	--	
02/15/00	73.31	7.05	0.00	66.26	3.03	ND	ND	--	ND	ND	ND	ND	--	--	
05/11/00	73.31	9.41	0.00	63.90	-2.36	--	--	--	--	--	--	--	--	--	
08/09/00	73.31	12.17	0.00	61.14	-2.76	ND	ND	--	ND	ND	ND	ND	--	--	
11/27/00	73.31	11.19	0.00	62.12	0.98	--	--	--	--	--	--	--	--	--	
02/14/01	73.31	9.39	0.00	63.92	1.80	68.7	ND	--	ND	ND	ND	ND	--	--	
05/11/01	73.31	9.65	0.00	63.66	-0.26	--	--	--	--	--	--	--	--	--	
08/09/01	73.31	11.68	0.00	61.63	-2.03	--	--	--	--	--	--	--	--	--	
11/30/01	73.31	9.41	0.00	63.90	2.27	--	--	--	--	--	--	--	--	--	
02/07/02	73.31	7.78	0.00	65.53	1.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
05/10/02	73.31	10.24	0.00	63.07	-2.46	--	--	--	--	--	--	--	--	--	
08/15/02	73.31	12.44	0.00	60.87	-2.20	--	--	--	--	--	--	--	--	--	
11/14/02	73.31	11.56	0.00	61.75	0.88	--	--	--	--	--	--	--	--	--	
02/13/03	73.31	7.65	0.00	65.66	3.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--	
05/16/03	73.31	7.65	0.00	65.66	0.00	--	--	--	--	--	--	--	--	--	
08/12/03	73.31	11.67	0.00	61.64	-4.02	--	--	--	--	--	--	--	--	--	
12/22/03	73.31	9.28	0.00	64.03	2.39	--	--	--	--	--	--	--	--	--	
02/24/04	73.31	6.74	0.00	66.57	2.54	130	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
05/06/04	73.31	9.88	0.00	63.43	-3.14	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
08/04/04	73.31	11.98	0.00	61.33	-2.10	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	73.31	12.05	0.00	61.26	-0.07	--	--	--	--	--	--	--	--	--	Sampled annually
02/03/05	73.31	7.95	0.00	65.36	4.10	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled annually
05/05/05	73.31	8.61	0.00	64.70	-0.66	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	73.31	11.25	0.00	62.06	-2.64	--	--	--	--	--	--	--	--	--	Sampled annually
MW-10															
(Screen Interval in feet: 4.0-19.0)															
08/03/89	--	--	--	--	--	180	61	--	ND	ND	ND	ND	ND	ND	--
10/26/89	--	--	--	--	--	690	13000	--	ND	ND	ND	ND	ND	ND	--
01/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
04/30/90	--	--	--	--	--	280	380	--	2.2	3.9	4.2	1.4	1.4	1.4	--
07/30/90	--	--	--	--	--	620	240	--	0.84	0.68	4.7	1.5	1.5	1.5	--
10/29/90	--	--	--	--	--	250	180	--	ND	0.56	0.73	0.62	0.62	0.62	--
01/29/91	--	--	--	--	--	250	130	--	ND	ND	0.39	ND	ND	ND	--
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
07/19/91	--	--	--	--	--	110	84	--	ND	ND	ND	ND	ND	ND	--
10/21/91	--	--	--	--	--	200	60	--	ND	ND	ND	ND	ND	ND	--
01/21/92	--	--	--	--	--	190	41	--	ND	ND	ND	ND	ND	ND	--
04/24/92	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	ND	ND	--
07/28/92	--	--	--	--	--	130	ND	--	ND	ND	ND	ND	ND	ND	--
10/26/92	--	--	--	--	--	310	180	--	ND	ND	ND	ND	ND	ND	--
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
04/30/93	72.57	9.90	0.00	62.67	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued															
07/29/93	72.57	11.95	0.00	60.62	-2.05	51	ND	--	ND	ND	ND	ND	--	--	
10/27/93	72.26	13.44	0.00	58.82	-1.80	180	64	--	0.51	0.54	0.54	1.4	--	--	
01/24/94	72.26	11.58	0.00	60.68	1.86	230	130	--	ND	ND	ND	1.2	--	--	
04/15/94	72.26	10.19	0.00	62.07	1.39	ND	ND	--	ND	ND	ND	ND	--	--	
09/14/94	72.26	13.45	0.00	58.81	-3.26	200	ND	--	ND	0.75	ND	1.3	--	--	
02/10/95	72.26	6.73	0.00	65.53	6.72	77	ND	--	ND	ND	ND	ND	--	--	
08/22/95	72.26	13.05	0.00	59.21	-6.32	90	ND	--	ND	ND	ND	ND	--	--	
02/27/96	72.26	7.53	0.00	64.73	5.52	670	ND	--	ND	ND	ND	ND	--	--	
08/27/96	72.25	13.15	0.00	59.10	-5.63	170	ND	--	ND	ND	ND	6.1	ND	--	
02/20/97	72.25	8.26	0.00	63.99	4.89	160	ND	--	ND	ND	ND	ND	--	--	
08/19/97	72.25	13.25	0.00	59.00	-4.99	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	72.25	6.34	0.00	65.91	6.91	360	ND	--	ND	ND	ND	ND	--	--	
08/04/98	72.25	12.73	0.00	59.52	-6.39	176	ND	--	ND	ND	ND	ND	--	--	
02/19/99	72.25	7.37	0.00	64.88	5.36	ND	ND	--	ND	ND	ND	ND	--	--	
05/19/99	72.25	10.11	0.00	62.14	-2.74	ND	ND	--	ND	ND	ND	ND	--	--	
08/05/99	72.25	13.47	0.00	58.78	-3.36	240	ND	--	ND	ND	ND	ND	--	--	
11/24/99	72.25	11.85	0.00	60.40	1.62	--	--	--	ND	ND	ND	ND	--	--	
02/15/00	72.25	8.15	0.00	64.10	3.70	51	ND	--	ND	ND	ND	ND	16	25	
05/11/00	72.25	10.42	0.00	61.83	-2.27	--	--	--	ND	ND	ND	ND	--	--	
08/09/00	72.25	13.47	0.00	58.78	-3.05	ND	ND	--	ND	ND	ND	ND	--	--	
11/27/00	72.25	12.65	0.00	59.60	0.82	--	--	--	ND	ND	ND	ND	--	--	
02/14/01	72.25	10.88	0.00	61.37	1.77	220	ND	--	ND	ND	ND	ND	--	--	
05/11/01	72.25	10.53	0.00	61.72	0.35	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
08/09/01	72.25	13.45	0.00	58.80	-2.92	82	62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments	
MW-10 continued																
11/30/01	72.25	11.19	0.00	61.06	2.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually	
02/07/02	72.25	8.61	0.00	63.64	2.58	140	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually	
05/10/02	72.25	11.20	0.00	61.05	-2.59	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually	
08/15/02	72.25	13.64	0.00	58.61	-2.44	130	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually	
11/14/02	72.25	13.26	0.00	58.99	0.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually	
02/13/03	72.25	8.42	0.00	63.83	4.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually	
05/16/03	72.25	8.32	0.00	63.93	0.10	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually	
08/12/03	72.25	13.20	0.00	59.05	-4.88	190	--	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled Semi-annually
12/22/03	72.25	10.88	0.00	61.37	2.32	--	--	--	--	--	--	--	--	--	260	Monitored only, sampled semi-annually
02/24/04	72.25	7.76	0.00	64.49	3.12	98	--	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	--	Sampled semi-annually
05/06/04	72.25	10.81	0.00	61.44	-3.05	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/04	72.23	12.84	0.00	59.39	-2.05	390	--	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	Sampled semi-annually
11/10/04	72.23	13.03	0.00	59.20	-0.19	350	--	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	Sampled semi-annually
02/03/05	72.23	9.03	0.00	63.20	4.00	--	--	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled semi-annually
05/05/05	72.23	9.33	0.00	62.90	-0.30	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/05	72.23	12.53	0.00	59.70	-3.20	100	--	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	Sampled semi-annually
MW-11 (Screen Interval in feet: 4.0-20.0)																
08/03/89	--	--	--	--	--	540	77	--	ND	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	420	20000	--	ND	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	5100	1500	--	2.0	1.4	0.83	3.0	--	--	--	
04/30/90	--	--	--	--	--	1200	120	--	ND	0.8	ND	ND	--	--	--	
07/30/90	--	--	--	--	--	3100	2900	--	ND	1.4	1.2	1.7	--	--	--	
10/29/90	--	--	--	--	--	290	--	--	ND	ND	0.31	ND	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
01/29/91	--	--	--	--	--	21000	3800	--	ND	ND	0.36	0.31	--	--	--
04/26/91	--	--	--	--	--	2600	ND	--	ND	ND	ND	ND	--	--	--
07/19/91	--	--	--	--	--	310	ND	--	ND	ND	ND	ND	--	--	--
10/21/91	--	--	--	--	--	140	ND	--	ND	ND	ND	ND	--	--	--
01/21/92	--	--	--	--	--	2600	150	--	ND	ND	ND	ND	--	--	--
04/24/92	--	--	--	--	--	160	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	--	--	--	--	--	520	ND	--	ND	ND	ND	ND	--	--	--
10/26/92	--	--	--	--	--	340	63	--	ND	ND	ND	ND	--	--	--
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
04/30/93	74.26	10.48	0.00	63.78	--	830	120	--	ND	ND	ND	ND	--	--	--
07/29/93	74.26	12.13	0.00	62.13	-1.65	2000	ND	--	ND	ND	ND	ND	--	--	--
10/27/93	73.83	14.20	0.00	59.63	-2.50	840	100	--	ND	ND	ND	ND	--	--	--
01/24/94	73.83	11.84	0.00	61.99	2.36	6100	360	--	ND	ND	ND	ND	--	--	--
04/15/94	73.83	10.61	0.00	63.22	1.23	16000	660	--	ND	ND	ND	ND	--	--	--
09/14/94	73.83	14.16	0.00	59.67	-3.55	15000	1000	--	ND	ND	ND	ND	--	--	--
02/10/95	73.83	6.72	0.00	67.11	7.44	2100	100	--	ND	ND	ND	ND	--	--	--
08/22/95	73.83	13.60	0.00	60.23	-6.88	560	150	--	ND	ND	ND	ND	--	--	--
02/27/96	73.83	7.53	0.00	66.30	6.07	5300	320	--	ND	ND	ND	ND	--	--	--
08/27/96	73.77	13.62	0.00	60.15	-6.15	4200	ND	--	ND	ND	ND	ND	--	--	--
02/20/97	73.77	8.56	0.00	65.21	5.06	55000	ND	--	ND	ND	ND	ND	--	--	--
08/19/97	73.77	13.78	0.00	59.99	-5.22	68000	13000	--	ND	ND	ND	ND	--	--	Sheen
02/17/98	73.77	6.30	0.00	67.47	7.48	280	ND	--	ND	ND	ND	ND	--	--	Sheen
08/04/98	73.77	13.33	0.00	60.44	-7.03	1280	992	--	ND	ND	ND	ND	--	--	Sheen
02/19/99	73.77	7.20	0.00	66.57	6.13	130	ND	--	ND	ND	ND	ND	--	--	Sheen

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
05/19/99	73.77	10.75	0.00	63.02	-3.55	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	73.77	14.09	0.00	59.68	-3.34	3300	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	73.77	11.83	0.00	61.94	2.26	410000	280	--	0.50	0.59	ND	1.3	ND	--	
02/15/00	73.77	8.22	0.00	65.55	3.61	54000	2500	--	ND	ND	ND	ND	84	41	
05/11/00	73.77	11.00	0.00	62.77	-2.78	39000	4400	--	ND	ND	ND	ND	--		
08/09/00	73.77	14.15	0.00	59.62	-3.15	8600	210	--	ND	ND	ND	ND	ND	--	
11/27/00	73.77	13.08	0.00	60.69	1.07	1500000	230000	--	ND	ND	ND	ND	ND	--	
02/14/01	73.77	11.09	0.00	62.68	1.99	10100	2300	--	ND	ND	ND	ND	ND	--	
05/11/01	73.77	11.07	0.00	62.70	0.02	340000	25000	--	ND	ND	ND	ND	ND	--	
08/09/01	73.77	14.11	0.00	59.66	-3.04	10000	850	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	73.77	11.29	0.00	62.48	2.82	42000	4100	--	ND<0.50	0.64	ND<0.50	ND<0.50	ND<2.5	--	
02/07/02	73.77	9.00	0.00	64.77	2.29	2600	1300	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	73.77	11.89	0.00	61.88	-2.89	140000	5400	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
08/15/02	73.77	14.45	0.00	59.32	-2.56	32000	1100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<12	--	
11/14/02	73.77	13.96	0.00	59.81	0.49	--	19000	--	ND<50	ND<50	ND<50	ND<50	ND<250	--	
02/13/03	73.77	8.78	0.00	64.99	5.18	3400	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	73.77	8.80	0.00	64.97	-0.02	22000	74	--	ND<0.50	ND<0.50	ND<0.50	0.54	ND<2.5	--	
08/12/03	73.77	13.88	0.00	59.89	-5.08	2000	--	880	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	73.77	10.93	0.00	62.84	2.95	69000	--	4000	--	--	--	--	--	--	
02/24/04	73.77	7.81	0.00	65.96	3.12	130	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
05/06/04	73.77	11.40	0.00	62.37	-3.59	900	--	ND<50	--	--	--	--	--	--	
08/04/04	73.76	13.35	0.00	60.41	-1.96	4400	--	680	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.93	
11/10/04	73.76	13.62	0.00	60.14	-0.27	6400	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
02/03/05	73.76	9.35	0.00	64.41	4.27	150	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-D	TPH-G 8260B	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	($\mu\text{g/l}$)							
MW-11 continued													
05/05/05	73.76	9.92	0.00	63.84	-0.57	68	--	ND>50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
08/04/05	73.76	13.49	0.00	60.27	-3.57	36000	--	200	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
MW-12 (Screen Interval in feet: 4.0-19.0)													
05/08/96	72.96	10.20	0.00	62.76	--	220	ND	--	ND	ND	ND	--	--
08/28/96	72.96	13.72	0.00	59.24	-3.52	ND	ND	--	ND	ND	ND	--	--
02/20/97	72.96	8.87	0.00	64.09	4.85	61	ND	--	ND	ND	ND	--	--
08/19/97	72.96	13.83	0.00	59.13	-4.96	58	ND	--	ND	ND	ND	--	--
02/17/98	72.96	6.88	0.00	66.08	6.95	1000	ND	--	ND	ND	ND	--	--
08/04/98	72.96	13.31	0.00	59.65	-6.43	80.8	ND	--	ND	ND	ND	--	--
02/19/99	72.96	7.79	0.00	65.17	5.52	ND	ND	--	ND	ND	ND	--	--
05/19/99	72.96	10.69	0.00	62.27	-2.90	ND	ND	--	ND	ND	ND	--	--
08/05/99	72.96	14.03	0.00	58.93	-3.34	57	ND	--	ND	ND	ND	--	--
11/24/99	72.96	12.33	0.00	60.63	1.70	--	--	--	--	ND	ND	--	--
02/15/00	72.96	8.65	0.00	64.31	3.68	ND	ND	--	ND	ND	ND	--	--
05/11/00	72.96	11.00	0.00	61.96	-2.35	--	--	--	ND	ND	ND	--	--
08/09/00	72.96	14.04	0.00	58.92	-3.04	ND	ND	--	ND	ND	ND	6.9	5.5
11/27/00	72.96	13.22	0.00	59.74	0.82	--	--	--	ND	ND	ND	--	--
02/14/01	72.96	11.33	0.00	61.63	1.89	69.9	ND	--	ND	ND	ND	--	--
05/11/01	72.96	11.11	0.00	61.85	0.22	--	--	--	ND	ND	ND	--	--
08/09/01	72.96	13.97	0.00	58.99	-2.86	ND>50	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
11/30/01	72.96	11.42	0.00	61.54	2.55	--	--	--	ND	ND	ND	--	--
02/07/02	72.96	9.27	0.00	63.69	2.15	97	ND>50	--	ND>0.50	ND<0.50	ND<0.50	ND<2.5	--
05/10/02	72.96	11.84	0.00	61.12	-2.57	--	--	--	ND	ND	ND	--	--
08/15/02	72.96	14.24	0.00	58.72	-2.40	ND>50	--	ND>50	ND>0.50	ND>0.50	ND>0.50	ND<2.5	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through August 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued															
11/14/02	72.96	13.99	0.00	58.97	0.25	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	72.96	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - car parked over well
05/16/03	72.96	8.96	0.00	64.00	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	72.96	13.70	0.00	59.26	-4.74	1200	--	190	ND<0.50	2.7	1.0	7.1	--	--	ND<2.0
12/22/03	72.96	11.29	0.00	61.67	2.41	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	72.96	8.23	0.00	64.73	3.06	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0
05/06/04	72.96	11.42	0.00	61.54	-3.19	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	72.96	13.46	0.00	59.50	-2.04	ND<50	--	110	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	Sampled semi-annually
11/10/04	72.96	13.20	0.00	59.76	0.26	--	--	--	--	--	--	--	--	--	ND<0.50
02/03/05	72.96	9.68	0.00	63.28	3.52	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	Sampled semi-annually
05/05/05	72.96	10.11	0.00	62.85	-0.43	--	--	--	--	--	--	--	--	--	ND<0.50
08/04/05	72.96	13.13	0.00	59.83	-3.02	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	Sampled semi-annually

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-1														
08/22/95	-	-	-	-	-	-	-	-	-	-	-	-	120	-
05/19/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/15/00	-	-	-	-	-	-	-	-	-	3.70	2.35	-	-	-
08/09/00	-	-	-	-	-	-	-	-	-	3.85	3.76	-	-	-
05/06/04	-	-	-	-	-	-	-	-	-	4.09	4.48	-	-	5.5
08/04/04	-	-	-	-	-	-	-	-	-	4.63	-	-	-	-
02/03/05	-	-	-	-	-	-	-	-	-	2.20	-	-	-	-
05/05/05	-	-	-	-	-	-	-	-	-	2.08	-	-	-	-
08/04/05	-	-	-	-	-	-	-	-	-	1.82	-	-	-	-
MW-2										-	-	-	-	130
08/22/95	-	-	-	-	-	-	-	-	-	0.28	0.32	-	-	-
05/19/99	-	-	-	-	-	-	-	-	-	6.37	6.86	9.2	15	2.0
08/05/99	-	-	-	-	-	-	-	-	-	7.87	8.05	-	-	-
02/15/00	-	-	-	-	-	-	-	-	-	6.58	6.52	-	-	ND
08/09/00	-	-	-	-	-	-	-	-	-	7.49	-	-	-	-
02/24/04	-	-	-	-	-	-	-	-	-	6.32	-	-	-	-
05/06/04	-	-	-	-	-	-	-	-	-	4.26	-	-	-	-
08/04/04	-	-	-	-	-	-	-	-	-	5.77	-	-	-	-
02/03/05	-	-	-	-	-	-	-	-	-	5.54	-	-	-	-
05/05/05	-	-	-	-	-	-	-	-	-	5.46	-	-	-	-
08/04/05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3										-	-	-	-	110
08/22/95	-	-	-	-	-	-	-	-	-	0.28	0.38	-	-	-
05/19/99	-	-	-	-	-	-	-	-	-	5.30	5.11	-	-	-
08/05/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-3 continued														
02/15/00	--	--	--	--	--	--	--	--	--	6.50	6.40	--	--	--
08/09/00	--	--	--	--	--	--	--	--	--	4.88	5.05	--	--	ND
02/24/04	--	--	--	--	--	--	--	--	--	3.19	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	3.75	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	--	4.21	--	--	--	--
11/10/04	--	--	--	--	--	--	--	--	--	3.20	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	--	3.87	--	--	--	--
05/05/05	--	--	--	--	--	--	--	--	--	4.02	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	3.20	--	--	--	--
MW-4														
08/22/95	--	--	--	--	--	--	--	--	--	0.18	0.17	ND	2.6	1.7
05/19/99	--	--	--	--	--	--	--	--	--	1.22	1.30	ND	2.3	4.2
08/05/99	--	--	--	--	--	--	--	--	--	3.81	4.55	ND	5.7	16
11/24/99	--	--	--	--	--	--	--	--	--	6.21	5.76	43	11	--
02/15/00	--	--	--	--	--	--	--	--	--	4.90	4.01	ND	2.7	5.2
05/11/00	--	--	--	--	--	--	--	--	--	6.8	3.2	ND	13	22
08/09/00	13	34	3.0	40	67	4.8	15	3.22	3.09	ND	4.5	8.9	--	--
11/27/00	--	--	--	--	--	--	--	--	--	2.75	2.70	ND	7.4	--
02/14/01	--	--	--	--	--	--	--	--	--	6.4	3.3	ND<1.0	3.3	12
05/11/01	--	--	--	--	--	--	--	--	--	5.7	3.4	0.330	12	21
08/09/01	--	--	--	--	--	--	--	--	--	2.5	3.3	ND<0.200	8.200	11
11/30/01	--	--	--	--	--	--	--	--	--	1.1	--	0.270	4.600	18
02/07/02	--	--	--	--	--	--	--	--	--	2.6	--	ND<0.89	1.7	20
05/10/02	--	--	--	--	--	--	--	--	--	1.6	--	ND<0.20	3.1	27
08/15/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-4 continued														
02/13/03	--	--	--	--	--	--	--	--	--	ND<0.20	8.8	11	--	--
05/16/03	--	--	--	--	--	--	--	--	--	2	15	13	--	--
08/12/03	--	--	--	--	--	--	--	--	--	ND<1.0	1.3	39	--	--
05/06/04	--	--	--	--	--	--	--	--	--	4.51	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	--	4.64	--	ND<1.0	5.1	--
11/10/04	--	--	--	--	--	--	--	--	--	1.48	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	--	1.21	--	1.1	76	--
05/05/05	--	--	--	--	--	--	--	--	--	0.84	--	--	--	2.4
08/04/05	--	--	--	--	--	--	--	--	--	1.53	--	ND<1.0	12	--
MW-5														
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	170	--
05/19/99	--	--	--	--	--	--	--	--	--	0.32	0.38	--	--	--
08/05/99	--	--	--	--	--	--	--	--	--	6.94	4.31	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	9.11	8.96	--	--	--
08/09/00	--	--	--	--	--	--	--	--	--	6.45	4.90	--	--	5.7
05/06/04	--	--	--	--	--	--	--	--	--	3.29	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	2.77	--	--	--	--
MW-6														
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--
05/19/99	--	--	--	--	--	--	--	--	--	0.32	0.32	--	--	--
08/05/99	--	--	--	--	--	--	--	--	--	5.11	5.10	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	6.23	5.90	--	--	--
08/09/00	--	--	--	--	--	--	--	--	--	7.06	6.84	--	--	ND
02/24/04	--	--	--	--	--	--	--	--	--	2.19	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	1.59	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	--	1.71	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethylbenzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethylbenzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-6 continued														
05/05/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7														
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/14/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/13/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8														
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/24/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/11/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/14/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/11/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/09/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Isopropyl-DO	Pre-Purge DO	Post Purge DO	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-8 continued															
11/30/01	--	--	--	--	--	--	--	--	--	--	5.4	5.0	ND<0.200	16	--
02/07/02	--	--	--	--	--	--	--	--	2.5	3.0	0.540	6.500	13	--	--
05/10/02	--	--	--	--	--	--	--	--	1.3	--	ND<0.200	4.400	12	--	--
08/15/02	--	--	--	--	--	--	--	--	2.6	--	ND<0.89	8.2	12	--	--
11/14/02	--	--	--	--	--	--	--	--	1.6	--	ND<0.200	29	20	--	--
02/13/03	--	--	--	--	--	--	--	--	1.5	--	0.33	3.4	11	--	--
05/16/03	--	--	--	--	--	--	--	--	1.0	--	ND<1	5.9	ND<10	--	--
08/12/03	--	--	--	--	--	--	--	--	1.4	--	ND<1.0	5.7	35	--	--
02/24/04	--	--	--	--	--	--	--	--	1.24	--	--	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	5.02	--	--	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	4.68	--	--	--	--	--	--
11/10/04	--	--	--	--	--	--	--	--	2.08	--	--	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	2.28	--	--	--	--	--	--
05/05/05	--	--	--	--	--	--	--	--	0.79	--	--	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	2.54	--	--	--	--	--	--
MW-9															
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.82	0.84	--	--	--	--	--
08/05/99	--	--	--	--	--	--	--	--	10.01	2.15	--	--	--	--	--
02/15/00	--	--	--	--	--	--	--	--	8.01	6.36	--	--	--	--	--
08/09/00	--	--	--	--	--	--	--	--	6.11	4.69	--	--	6.2	--	--
02/24/04	--	--	--	--	--	--	--	--	4.14	--	--	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	3.92	--	--	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	5.21	--	--	--	--	--	--
05/05/05	--	--	--	--	--	--	--	--	4.13	--	--	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	6.42	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Isopropyl-DO ($\mu\text{g/l}$)	Pre-Purge DO ($\mu\text{g/l}$)	Post Purge DO ($\mu\text{g/l}$)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-10															
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--
05/19/99	--	--	--	--	--	--	--	0.63	0.65	3.3	12	2.2	--	--	--
08/05/99	--	--	--	--	--	--	--	3.06	1.45	ND	7.9	3.6	--	--	--
02/15/00	--	--	--	--	--	--	--	6.28	8.14	8.2	14	--	--	--	--
08/09/00	--	--	--	--	--	--	--	2.82	3.53	ND	10	6.4	--	--	--
02/14/01	--	--	--	--	--	--	--	3.7	4.7	ND	12	15	--	--	--
08/09/01	--	--	--	--	--	--	--	3.4	4.4	ND<1.0	11	12	--	--	--
02/07/02	--	--	--	--	--	--	--	4.5	5.6	1.100	13,000	13	--	--	--
08/15/02	--	--	--	--	--	--	--	2.5	--	ND<0.89	9.7	13	--	--	--
02/13/03	--	--	--	--	--	--	--	4.6	--	2.2	17	ND<10	--	--	--
08/12/03	--	--	--	--	--	--	--	2.1	--	ND<1.0	12	35	--	--	--
02/24/04	--	--	--	--	--	--	--	5.93	--	--	15	--	--	ND<0.20	--
05/06/04	--	--	--	--	--	--	--	5.13	--	--	--	--	--	--	--
08/04/04	--	--	--	--	--	--	--	0.00531	--	ND<1.0	11	--	--	1.4	--
11/10/04	--	--	--	--	--	--	--	2.32	--	--	--	--	--	--	--
02/03/05	--	--	--	--	--	--	--	4.10	--	6.0	45	--	--	--	--
05/05/05	--	--	--	--	--	--	--	5.23	--	--	--	--	--	--	--
08/04/05	--	--	--	--	--	--	--	1.53	--	ND<1.0	45	--	--	0.65	--
MW-11															
08/22/95	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--
05/19/99	--	--	--	--	--	--	--	0.22	0.20	3.9	11	1.9	--	--	--
08/05/99	--	--	--	--	--	--	--	1.16	2.08	ND	9.6	3.3	--	--	--
11/24/99	--	--	--	--	--	--	--	5.71	6.33	5.0	11	11	--	--	--
02/15/00	--	--	--	--	--	--	--	6.08	6.66	6.4	10	--	--	--	--
05/11/00	--	--	--	--	--	--	--	6.93	5.77	ND	9.6	ND	--	--	--
08/09/00	--	--	--	--	--	--	--	2.64	3.56	ND	8.0	6.4	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS

Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethyl-benzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethyl-benzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Isopropyl-DO ($\mu\text{g/l}$)	Post Purge DO ($\mu\text{g/l}$)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)
MW-11 continued														
11/27/00	--	--	--	--	--	--	--	--	--	3.14	3.51	ND	7.9	6.7
02/14/01	--	--	--	--	--	--	--	--	--	5.9	6.9	ND	10	9.3
05/11/01	--	--	--	--	--	--	--	--	--	5.5	6.7	0.504	12	9.0
08/09/01	--	--	--	--	--	--	--	--	--	3.9	5.3	ND<1.0	2.8	11
11/30/01	--	--	--	--	--	--	--	--	--	5.1	6.4	1.600	12	13
02/07/02	--	--	--	--	--	--	--	--	--	3.9	4.8	0.990	11.000	13
05/10/02	--	--	--	--	--	--	--	--	--	1.7	--	0.320	7.500	14
08/15/02	--	--	--	--	--	--	--	--	--	2.8	--	ND<0.89	2.6	13
11/14/02	--	--	--	--	--	--	--	--	--	1.1	--	ND<0.20	13	22
02/13/03	--	--	--	--	--	--	--	--	--	2.4	--	1.9	14	ND<10
05/16/03	--	--	--	--	--	--	--	--	--	3.8	--	ND<1	98	ND<10
08/12/03	--	--	--	--	--	--	--	--	--	1.9	--	ND<1.0	4.6	36
02/24/04	--	--	--	--	--	--	--	--	--	2.81	--	--	13	50
05/06/04	--	--	--	--	--	--	--	--	--	6.67	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	--	5.76	--	ND<1.0	5.2	--
11/10/04	--	--	--	--	--	--	--	--	--	1.64	--	--	--	--
02/03/05	--	--	--	--	--	--	--	--	--	7.13	--	6.0	42	--
05/05/05	--	--	--	--	--	--	--	--	--	5.60	--	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	1.50	--	ND<1.0	18	--
MW-12														
05/19/99	--	--	--	--	--	--	--	--	--	0.35	0.28	--	--	--
08/05/99	--	--	--	--	--	--	--	--	--	6.80	5.41	9.1	29	1.0
02/15/00	--	--	--	--	--	--	--	--	--	8.20	8.57	9.3	25	--
08/09/00	--	--	--	--	--	--	--	--	--	7.19	6.58	8.2	21	ND
02/14/01	--	--	--	--	--	--	--	--	--	8.8	7.4	7.0	18	5.4
08/09/01	--	--	--	--	--	--	--	--	--	6.8	6.1	10	20	5.0

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene	n-Butyl-benzene	1,3,5-Trimethyl-benzene	sec-Butyl-benzene	1,2,4-Trimethyl-benzene	Isopropyl-benzene	p-Isopropyl-toluene	Pre-Purge DO	Post Purge DO	NO3	Sulfate	Carbon-Dioxide	TDS	Fe+2	
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	
MW-12 continued															
02/07/02	--	--	--	--	--	--	--	--	9.0	8.9	2,700	13,000	ND<10	--	--
08/15/02	--	--	--	--	--	--	--	--	1.9	--	8.8	19	15	--	--
08/12/03	--	--	--	--	--	--	--	--	1.2	--	8.8	21	26	--	--
02/24/04	--	--	--	--	--	--	--	--	6.13	--	--	19	--	--	ND<0.20
05/06/04	--	--	--	--	--	--	--	--	5.27	--	--	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	5.48	--	8.0	19	--	--	ND<0.20
02/03/05	--	--	--	--	--	--	--	--	8.37	--	11	19	--	--	ND<0.20
05/05/05	--	--	--	--	--	--	--	--	6.93	--	--	--	--	--	ND<0.20
08/04/05	--	--	--	--	--	--	--	--	5.64	--	6.6	20	--	--	ND<0.20

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH
	(mV)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	($\mu\text{g/l}$)	(mmhos/cm)	(deg. F)	(pH unit)
MW-1															
05/19/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	--	750	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	34	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	--	180	--	--	--	--
08/04/04	--	--	--	--	--	--	--	--	--	--	155	--	302	15.5	5.72
02/03/05	--	--	--	--	--	--	--	--	--	--	14	50	321	18.0	6.93
05/05/05	--	--	--	--	--	--	--	--	--	--	30	15	443	19.2	6.12
08/04/05	--	--	--	--	--	--	--	--	--	--	121	8	266	16.3	6.28
											190	18	156	14.9	5.83
MW-2															
02/07/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/89	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
10/26/89	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
01/26/90	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
04/30/90	--	--	--	--	--	--	--	--	--	--	0.0069	--	--	--	--
07/30/90	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
10/29/90	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
01/29/91	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
04/26/91	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
07/19/91	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
08/05/99	--	ND	--	--	--	--	--	--	--	--	0.039	ND	--	--	--
02/15/00	--	ND	--	--	--	--	--	--	--	--	66.1	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	213	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	--	254	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	--	174	35	229	15.8	6.93
08/04/04	--	--	--	--	--	--	--	--	--	--	163	--	250	14.9	6.71
02/03/05	--	--	--	--	--	--	--	--	--	--	10	30	321	19.8	7.21
											124	3	181	18.2	6.17

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO ₂	Conductivity	Temperature	pH
	(mV)	(mg/l)	(μ g/l)	(μ g/l)	(μ g/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(μ g/l)	(mV)	(μ g/l)	(mmhos/cm)	(deg. F)	(pH unit)
MW-2 continued															
05/05/05	--	--	--	--	--	--	--	--	--	--	93	3	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	208	6	151	15.0	6.15	
MW-3															
02/15/00	--	--	--	--	--	--	--	--	--	--	213	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	248	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	--	173	50	211	16.0	6.14
05/06/04	--	--	--	--	--	--	--	--	--	--	165	--	232	15.8	6.42
08/04/04	--	--	--	--	--	--	--	--	--	--	10	30	311	18.0	8.01
11/10/04	--	--	--	--	--	--	--	--	--	--	57	15	179	16.9	5.60
02/03/05	--	--	--	--	--	--	--	--	--	--	48	6	221	20.5	5.95
05/05/05	--	--	--	--	--	--	--	--	--	--	85	4	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	--	212	10	173	15.0	7.46
MW-4															
05/19/99	--	0.12	--	--	--	--	--	--	--	5.0	0.67	--	68.5	--	--
08/05/99	--	ND	--	--	--	--	--	--	--	6.2	0.77	--	48.2	--	--
11/24/99	474	ND	--	--	--	--	--	--	--	2.68	1.21	--	--	--	--
02/15/00	--	ND	--	--	--	--	--	--	--	1.30	0.213	--	56	--	--
05/11/00	--	ND	--	--	--	--	--	--	--	4.0	0.470	--	94	--	--
08/09/00	--	ND	36	26	--	--	--	--	--	1.2	0.99	--	34	--	--
11/27/00	--	ND	--	--	--	--	--	--	--	1.49	0.326	--	46	--	--
02/14/01	--	ND	--	--	--	--	--	--	--	0.724	0.988	--	63	--	--
05/11/01	--	ND	--	--	--	--	--	--	--	2.68	0.874	--	44	--	--
08/09/01	--	ND<1.0	--	--	--	--	--	--	--	6.0	0.87	--	54	--	--
11/30/01	--	ND<1.0	--	--	--	--	--	--	--	11.000	1.600	--	55	--	--
02/07/02	--	ND<2.0	--	--	--	--	--	--	--	10.000	0.860	--	63	--	--
05/10/02	--	ND<2.0	--	--	--	--	--	--	--	2.500	0.870	--	61	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	D-Iron	Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH
(mV)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mV)	(µg/l)	(mmhos/cm)	(deg. F)	(pH unit)
MW-4 continued															
08/15/02	--	ND<2.0	--	--	--	--	--	--	0.89	1.0	--	-1.5	--	--	--
11/14/02	--	ND<2.0	--	--	--	--	--	4.9	1.3	--	106	--	--	--	--
02/13/03	--	ND<2.0	--	--	--	--	--	7.0	1.0	--	18	--	--	--	--
05/16/03	--	ND<2.0	--	--	--	--	--	8.1	0.39	--	55	--	--	--	--
08/12/03	--	0.021	--	--	--	--	--	13	1.0	--	30	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	--	10	30	320	14.1	8.14
08/04/04	--	0.12	--	--	0.86	--	--	--	--	--	9	25	281	17.9	7.99
11/10/04	--	--	--	--	--	--	--	--	--	--	11	50	245	16.5	5.67
02/03/05	--	0.021	--	--	1.6	--	--	--	--	--	16	11	261	20.4	6.09
05/05/05	--	--	--	--	--	--	--	--	--	--	147	15	222	15.1	6.36
08/04/05	--	0.014	--	--	0.84	--	--	--	--	--	189	27	162	14.4	6.08
MW-5															
02/15/00	--	--	--	--	--	--	--	--	--	--	129	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	94	--	--	--	--
05/06/04	--	--	--	--	--	--	--	--	--	--	166	--	351	14.6	6.10
08/04/05	--	--	--	--	--	--	--	--	--	--	37	21	167.8	15.0	5.75
MW-6															
02/15/00	--	--	--	--	--	--	--	--	--	--	203	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	266	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	--	170	60	231	16.1	6.08
05/06/04	--	--	--	--	--	--	--	--	--	--	210	--	219	15.6	6.63
02/03/05	--	--	--	--	--	--	--	--	--	--	21	13	251	21.6	5.97
05/05/05	--	--	--	--	--	--	--	--	--	--	98	6	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	--	203	7	165	16.0	6.02
MW-7															
05/19/99	--	ND	--	--	--	260	--	--	1.7	0.063	--	50.1	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH
(mV)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	($\mu\text{g/l}$)	(mmhos/cm)	(deg. F)	(pH unit)
MW-7 continued															
02/15/00	--	ND	--	--	--	--	--	--	0.580	0.0108	--	228	--	--	--
02/14/01	--	ND	--	--	--	--	--	0.324	0.0195	--	294	--	--	--	
02/07/02	--	ND<2.0	--	--	--	--	--	ND<0.300	ND<0.010	--	233	--	--	--	
02/13/03	--	ND<2.0	--	--	--	--	--	0.15	0.011	--	85	--	--	--	
02/24/04	--	--	--	--	--	--	--	--	--	--	223	35	225	15.1	
05/06/04	--	--	--	--	--	--	--	--	--	--	209	--	244	15.8	
02/03/05	--	--	--	--	--	--	--	--	--	--	98	3	179	20.0	
05/05/05	--	--	--	--	--	--	--	--	--	--	88	5	--	--	
08/04/05	--	--	--	--	--	--	--	--	--	--	161	8	161	15.0	
															5.89
MW-8															
05/19/99	--	0.098	--	--	--	--	--	6.8	1.4	8400	13.1	--	--	--	--
08/05/99	--	ND	--	--	--	--	--	5.9	0.95	--	48.8	--	--	--	--
11/24/99	523	ND	--	--	--	--	--	7.40	1.88	--	--	--	--	--	--
02/15/00	--	ND	--	--	--	--	--	4.00	1.22	--	6	--	--	--	--
05/11/00	--	ND	--	--	--	--	--	5.9	1.20	--	77	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	1.1	0.80	--	52	--	--	--	--
11/27/00	--	ND	--	--	--	--	--	2.45	1.02	--	64	--	--	--	--
02/14/01	--	ND	--	--	--	--	--	0.140	0.978	--	62	--	--	--	--
05/11/01	--	ND	--	--	--	--	--	5.72	1.21	--	61	--	--	--	--
08/09/01	--	ND<1.0	--	--	--	--	--	3.5	0.94	--	55	--	--	--	--
11/30/01	--	ND<1.0	--	--	--	--	--	8.900	1.700	--	49	--	--	--	--
02/07/02	--	ND<2.0	--	--	--	--	--	8.600	1.900	--	57	--	--	--	--
05/10/02	--	ND<2.0	--	--	--	--	--	4.900	1.400	--	81	--	--	--	--
08/15/02	--	ND<2.0	--	--	--	--	--	ND<0.050	0.76	--	2	--	--	--	--
11/14/02	--	ND<2.0	--	--	--	--	--	0.24	1.4	--	170	--	--	--	--
02/13/03	--	ND<2.0	--	--	--	--	--	14	2.4	--	-15	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH
(mV)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mV)	(µg/l)	(mmhos/cm)	(deg. F)	(pH unit)
MW-8 continued															
05/16/03	--	ND<2.0	--	--	--	--	--	7.1	1.4	--	60	--	--	--	--
08/12/03	--	ND<0.010	--	--	--	--	--	8.5	1.0	--	50	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	1	95	319	15.1	6.86	
05/06/04	--	--	--	--	--	--	--	--	--	-55	50	1996	15.7	8.29	
08/04/04	--	--	--	--	--	--	--	--	--	-83	50	198	18.3	8.04	
11/10/04	--	--	--	--	--	--	--	--	--	68	95	490	16.7	5.01	
02/03/05	--	--	--	--	--	--	--	--	--	96	76	699	16.5	5.21	
05/05/05	--	--	--	--	--	--	--	--	--	-101	34	274	15.6	6.37	
08/04/05	--	--	--	--	--	--	--	--	--	-30	23	354	15.8	6.47	
MW-9															
05/19/99	--	--	--	--	--	--	--	--	--	--	43.9	--	--	--	--
02/15/00	--	--	--	--	--	--	--	--	--	--	209	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	221	--	--	--	--
02/24/04	--	--	--	--	--	--	--	--	--	--	164	50	195	14.7	8.01
05/06/04	--	--	--	--	--	--	--	--	--	--	146	--	216	14.5	6.98
02/03/05	--	--	--	--	--	--	--	--	--	--	32	9	181.9	18.9	5.88
05/05/05	--	--	--	--	--	--	--	--	--	--	-50	9	--	--	--
08/04/05	--	--	--	--	--	--	--	--	--	--	127	25	191	16.7	6.29
MW-10															
01/27/93	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
05/19/99	--	ND	--	--	--	--	--	--	--	--	0.046	0.033	--	19.1	--
08/05/99	--	ND	--	--	--	--	--	--	--	--	0.17	0.84	--	55.2	--
02/15/00	--	ND	--	--	--	--	--	--	--	--	0.0820	0.0176	--	225	--
08/09/00	--	ND	--	--	--	--	--	--	--	--	0.63	1.0	--	106	--
02/14/01	--	ND	--	--	--	--	--	--	--	--	1.26	0.691	--	168	--
08/09/01	--	ND<1.0	--	--	--	--	--	--	--	--	1.6	1.3	--	154	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH	
(mV)	(mg/l)	($\mu\text{g/l}$)	(mV)	($\mu\text{g/l}$)	($\mu\text{mhos/cm}$)	(deg. F)	(pH unit)									
MW-10	continued															
02/07/02	--	ND<2.0	--	--	--	--	--	--	--	ND<0.300	0.019	--	170	--	--	
08/15/02	--	ND<2.0	--	--	--	--	--	--	--	ND<0.050	1.1	--	-15	--	--	
02/13/03	--	ND<2.0	--	--	--	--	--	--	--	3.4	0.33	--	81	--	--	
08/12/03	--	ND<0.010	--	--	--	--	--	--	--	2.9	1.3	--	151	--	--	
02/24/04	--	ND<0.0001	--	--	0.15	--	--	--	--	--	--	--	181	45	279	
05/06/04	--	--	--	--	--	--	--	--	--	--	--	--	179	--	17.2	
08/04/04	--	0.013	--	--	1.1	--	--	--	--	--	--	--	-40	35	7.76	
11/10/04	--	--	--	--	--	--	--	--	--	--	--	--	41	50	6.82	
02/03/05	--	ND<0.0010	--	--	0.20	--	--	--	--	--	--	--	75	16	5.70	
05/05/05	--	--	--	--	--	--	--	--	--	--	--	--	45	6	5.94	
08/04/05	--	0.0016	--	--	1.1	--	--	--	--	--	--	--	41	20	--	
MW-11														283	17.7	5.90
05/19/99	--	0.03	--	--	--	--	--	--	--	ND	0.011	2700	66.7	--	--	
08/05/99	--	ND	--	--	--	--	--	--	--	0.85	0.26	--	46.3	--	--	
11/24/99	533	ND	--	--	--	--	--	--	--	1.60	0.394	--	-	--	--	
02/15/00	--	ND	--	--	--	--	--	--	--	0.120	ND	--	185	--	--	
05/11/00	--	6.8	--	--	--	--	--	--	--	0.27	0.0140	--	173	--	--	
08/09/00	--	ND	--	--	--	--	--	--	--	0.93	0.56	--	58	--	--	
11/27/00	--	ND	--	--	--	--	--	--	--	2.62	0.973	--	89	--	--	
02/14/01	--	ND	--	--	--	--	--	--	--	0.0613	0.0573	--	264	--	--	
05/11/01	--	ND	--	--	--	--	--	--	--	0.0882	0.0244	--	258	--	--	
08/09/01	--	ND<1.0	--	--	--	--	--	--	--	1.5	0.63	--	268	--	--	
11/30/01	--	ND<1.0	--	--	--	--	--	--	--	0.790	0.210	--	189	--	--	
02/07/02	--	ND<2.0	--	--	--	--	--	--	--	ND<0.300	ND<0.010	--	266	--	--	
05/10/02	--	ND<2.0	--	--	--	--	--	--	--	ND<0.300	0.024	--	30	--	--	
08/15/02	--	ND<2.0	--	--	--	--	--	--	--	ND<0.050	0.76	--	-31	--	--	

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conductivity	Temperature	pH
(mV)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mV)	($\mu\text{g/l}$)	(mmhos/cm)	(deg. F)	(pH unit)				
MW-11 continued															
11/14/02	--	ND<2.0	--	--	--	--	--	--	0.024	1.0	--	126	--	--	--
02/13/03	--	ND<2.0	--	--	--	--	--	0.28	0.011	--	61	--	--	--	--
05/16/03	--	ND<2.0	--	--	--	--	ND<0.30	ND<0.010	--	220	--	--	--	--	--
08/12/03	--	ND<0.010	--	--	--	--	2.8	0.53	--	56	--	--	--	--	--
02/24/04	--	ND<0.0001	--	--	ND<0.005	--	--	--	--	202	50	282	16.5	7.28	
05/06/04	--	--	--	--	--	--	--	--	--	46	15	233	15.3	5.84	
08/04/04	--	0.045	--	--	0.67	--	--	--	--	-31	65	210	17.8	7.68	
11/10/04	--	--	--	--	--	--	--	--	--	2	55	331	18.1	6.05	
02/03/05	--	ND<0.0010	--	--	ND<0.0050	--	--	--	--	38	5	294	18.1	6.03	
05/05/05	--	--	--	--	--	--	--	--	--	-2	6	295	16.7	6.39	
08/04/05	--	0.0070	--	--	0.24	--	--	--	--	10	17	247	16.4	6.07	
MW-12															
05/19/99	--	--	--	--	--	--	--	--	--	--	--	11.3	--	--	--
08/05/99	--	ND	--	--	--	--	--	0.48	ND	--	24.8	--	--	--	--
02/15/00	--	ND	--	--	--	--	--	6.30	0.0765	--	239	--	--	--	--
08/09/00	--	ND	--	--	--	--	--	0.62	0.015	--	152	--	--	--	--
02/14/01	--	ND	--	--	--	--	--	1.33	0.0220	--	285	--	--	--	--
08/09/01	--	ND<1.0	--	--	--	--	--	0.93	0.031	--	266	--	--	--	--
02/07/02	--	ND<2.0	--	--	--	--	--	ND<0.300	ND<0.010	--	244	--	--	--	--
08/15/02	--	ND<2.0	--	--	--	--	--	ND<0.050	ND<0.010	--	52	--	--	--	--
08/12/03	--	ND<0.010	--	--	--	--	--	0.30	0.0080	--	283	--	--	--	--
02/24/04	--	ND<0.0001	--	--	ND<0.005	--	--	--	--	187	30	310	17.5	7.02	
05/06/04	--	--	--	--	--	--	--	--	--	210	--	289	15.5	6.72	
08/04/04	--	ND<0.010	--	--	ND<0.0050	--	--	--	--	-61	45	236	17.9	7.36	
02/03/05	--	--	--	--	ND<0.0010	--	--	--	--	69	6	290	16.7	5.94	
05/05/05	--	--	--	--	--	--	--	--	--	5	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	ORP	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	Conduc-tivity	Tempera-ture	pH
08/04/05	--	ND<0.0010	--	--	ND<0.0050	--	--	--	--	--	102	12	226	17.0	6.21
MW-12 continued															

Bulk Plant 0220

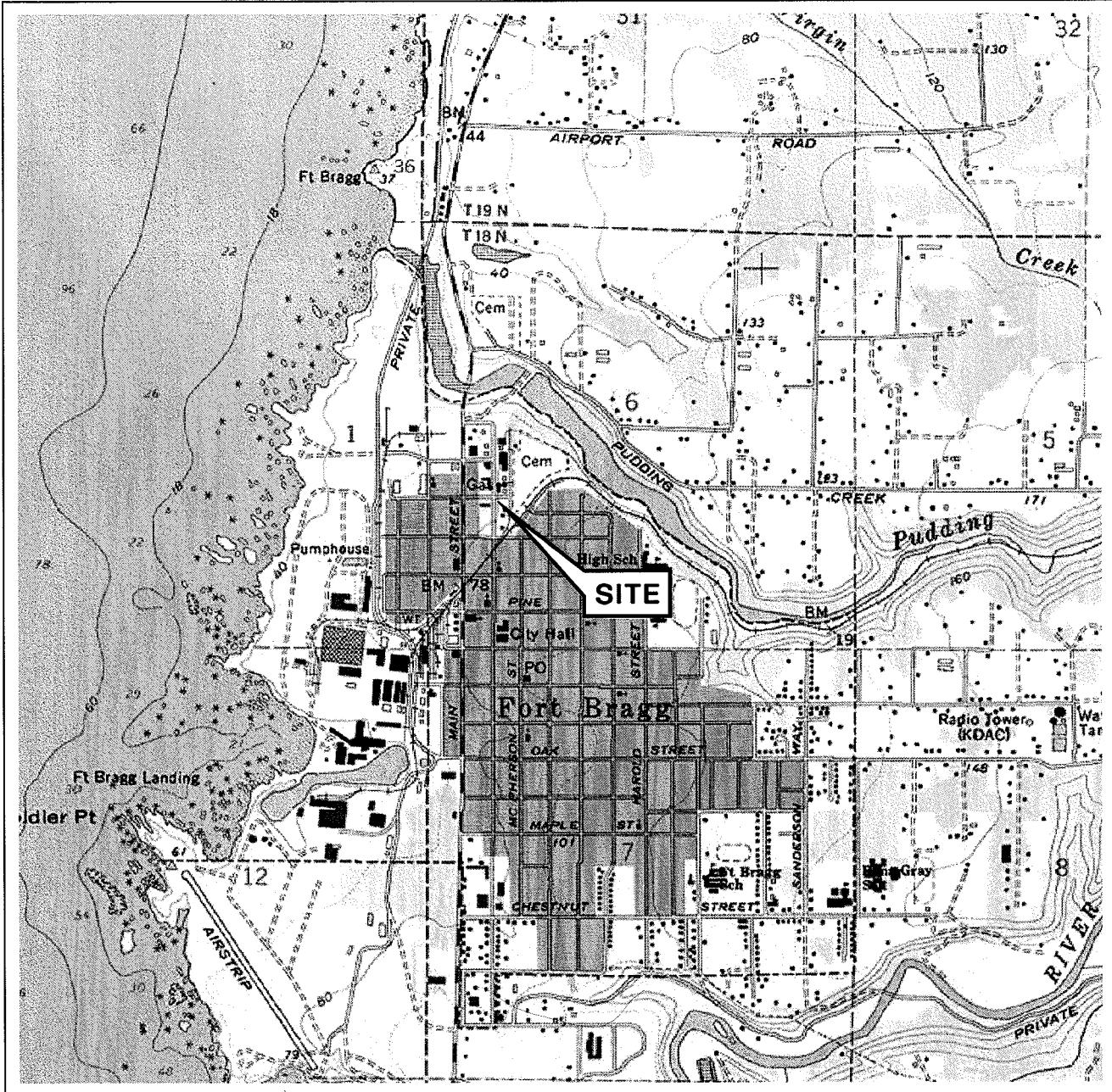
Table 4
Headspace Measurements

Well Name	Date	Percent Carbon Dioxide	Percent Oxygen	Organic Vapors (ppm)
MW-1	08/04/04	0.20	20.50	0.00
MW-1	02/03/05	0.60	21.60	0.00
MW-1	05/05/05	0.10	20.90	0.00
MW-1	08/04/05	0.10	20.90	0.00
MW-2	05/06/04	0.00	20.90	0.00
MW-2	08/04/04	0.00	20.70	0.00
MW-2	02/03/05	1.00	20.70	0.00
MW-2	05/05/05	0.60	20.20	0.00
MW-2	08/04/05	0.00	20.90	0.00
MW-3	05/06/04	0.00	20.60	0.90
MW-3	08/04/04	0.00	20.40	0.00
MW-3	11/10/04	1.00	20.30	3.00
MW-3	02/03/05	0.30	21.60	0.00
MW-3	05/05/05	0.20	20.90	0.00
MW-3	08/04/05	0.20	20.90	0.00
MW-4	05/06/04	0.00	20.60	1.50
MW-4	08/04/04	0.00	20.50	0.00
MW-4	11/10/04	0.00	20.80	13.30
MW-4	02/03/05	0.10	21.60	0.00
MW-4	05/05/05	0.00	20.90	0.00
MW-4	08/04/05	0.10	20.90	0.00
MW-5	05/06/04	0.30	20.30	0.00
MW-5	08/04/05	0.10	20.90	0.00
MW-6	05/06/04	0.90	20.20	0.00
MW-6	02/03/05	0.40	21.70	0.00
MW-6	05/05/05	0.50	20.90	0.00
MW-6	08/29/05	0.10	20.90	0.00
MW-7	05/06/04	0.20	20.20	0.00
MW-7	02/03/05	0.30	21.60	0.00
MW-7	05/05/05	0.00	20.90	0.00
MW-7	08/29/05	0.10	20.90	0.00
MW-8	05/06/04	0.00	20.90	71.10
MW-8	08/04/04	0.00	20.70	0.00
MW-8	11/10/04	0.10	20.90	12.20
MW-8	02/03/05	0.30	21.60	2.30
MW-8	05/05/05	0.00	20.90	0.00
MW-8	08/04/05	0.00	20.90	50.10

Bulk Plant 0220**Table 4**
Headspace Measurements

Well Name	Date	Percent Carbon Dioxide	Percent Oxygen	Organic Vapors (ppm)
MW-9	05/06/04	0.30	20.40	0.00
MW-9	02/03/05	2.00	21.10	0.00
MW-9	05/05/05	1.10	18.60	0.00
MW-9	08/29/05	0.02	20.90	0.20
MW-10	05/06/04	0.20	20.10	0.00
MW-10	08/04/04	0.10	20.20	0.00
MW-10	11/10/04	1.30	0.90	6.90
MW-10	02/03/05	0.60	21.90	0.00
MW-10	05/05/05	0.10	20.90	0.00
MW-10	08/04/05	0.20	20.90	0.00
MW-11	05/06/04	0.00	20.70	0.00
MW-11	08/04/04	0.00	20.40	0.00
MW-11	11/10/04	0.20	21.00	4.20
MW-11	02/03/05	0.10	22.10	0.00
MW-11	05/05/05	0.00	20.90	0.00
MW-11	08/04/05	0.10	20.90	0.00
MW-12	05/06/04	1.30	19.60	0.00
MW-12	08/04/04	0.10	20.20	0.00
MW-12	02/03/05	0.60	0.00	21.80
MW-12	05/05/05	0.20	20.90	0.00
MW-12	08/04/05	0.40	20.90	28.50

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Ft Bragg Quadrangle



VICINITY MAP

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

TRC

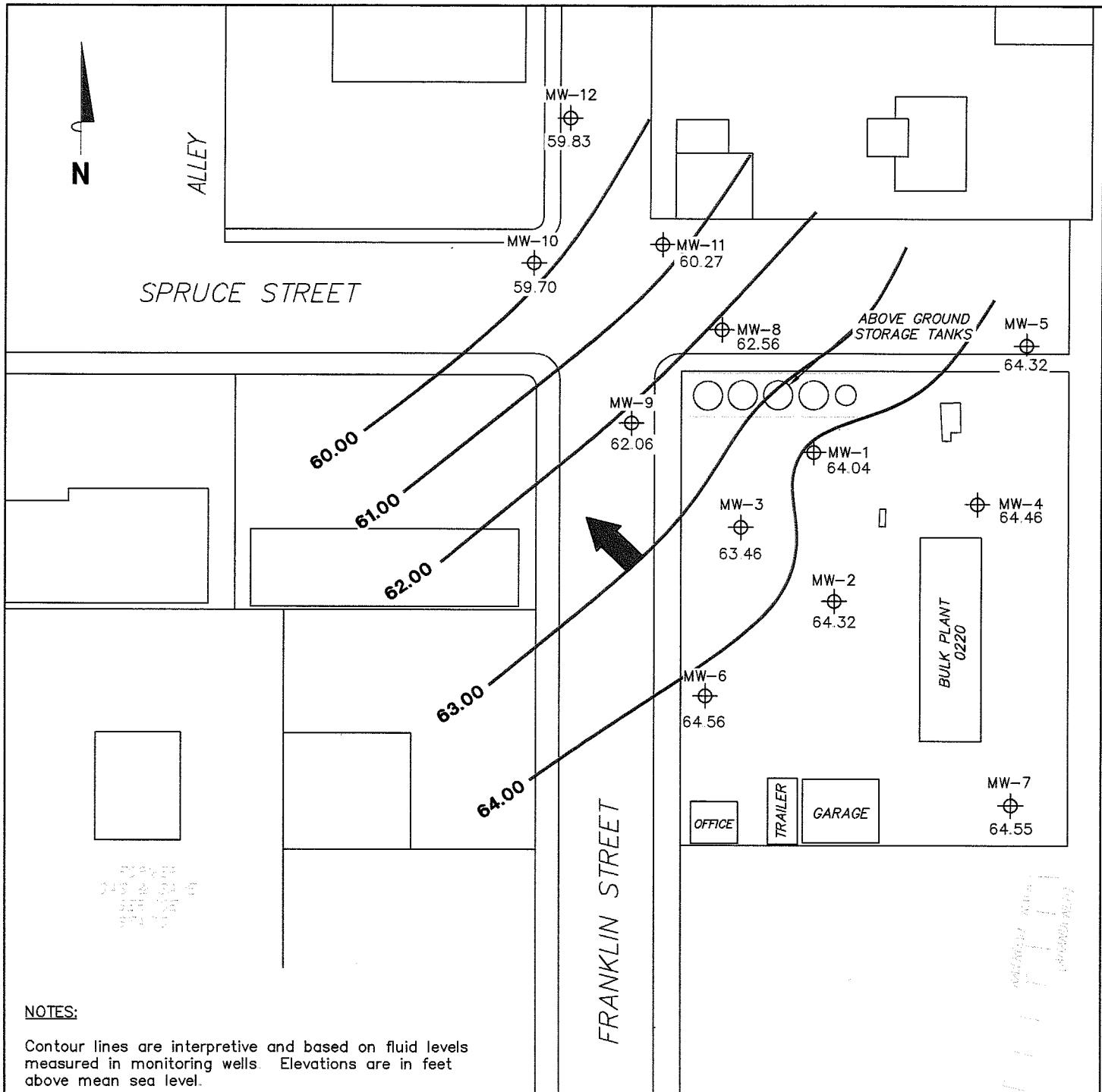
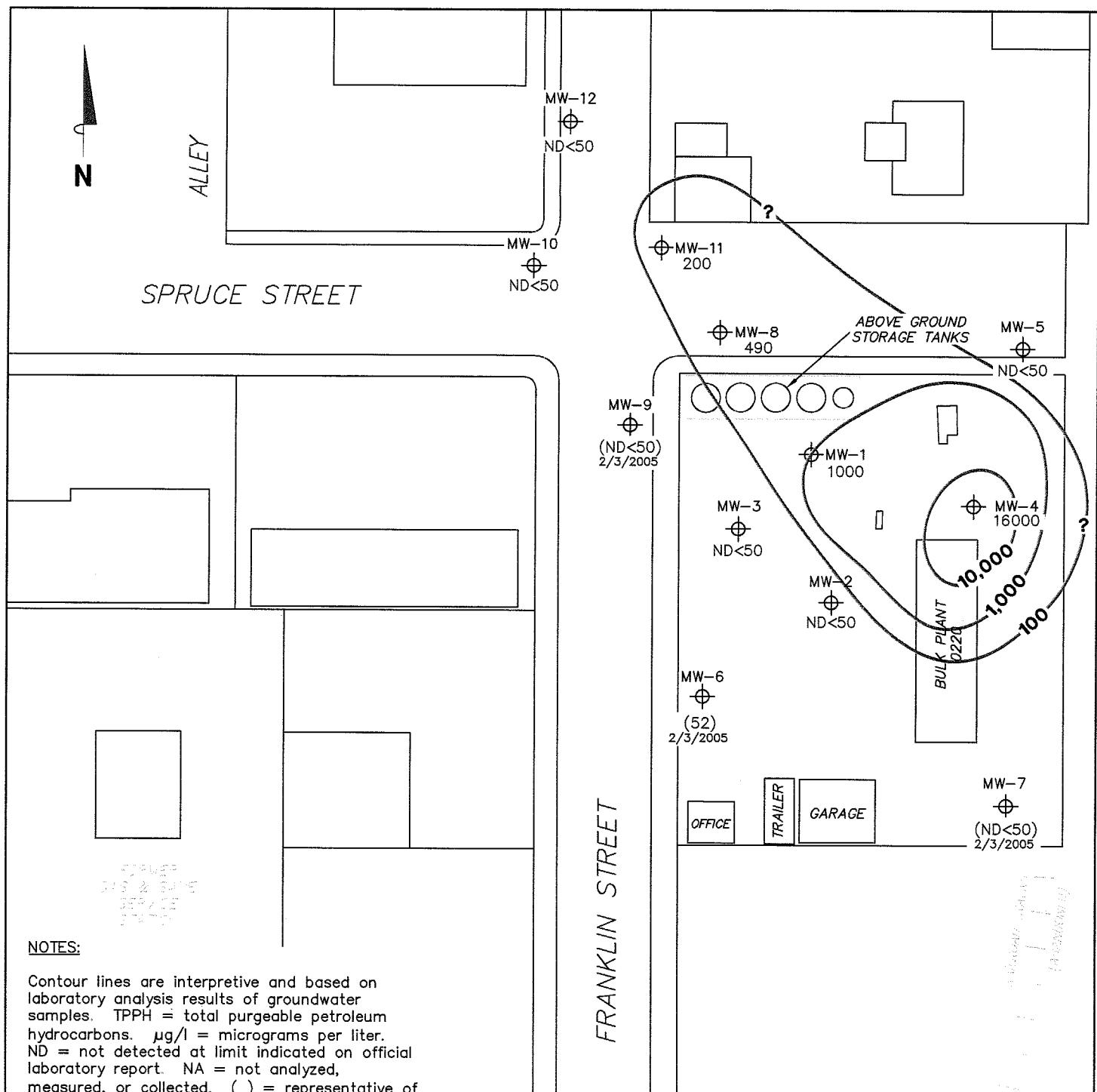


FIGURE 2



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. () = representative of historical value. Results obtained using EPA Method 8260B.

LEGEND

MW-12 \oplus Monitoring Well with Dissolved-Phase TPPH Concentration ($\mu\text{g/l}$)

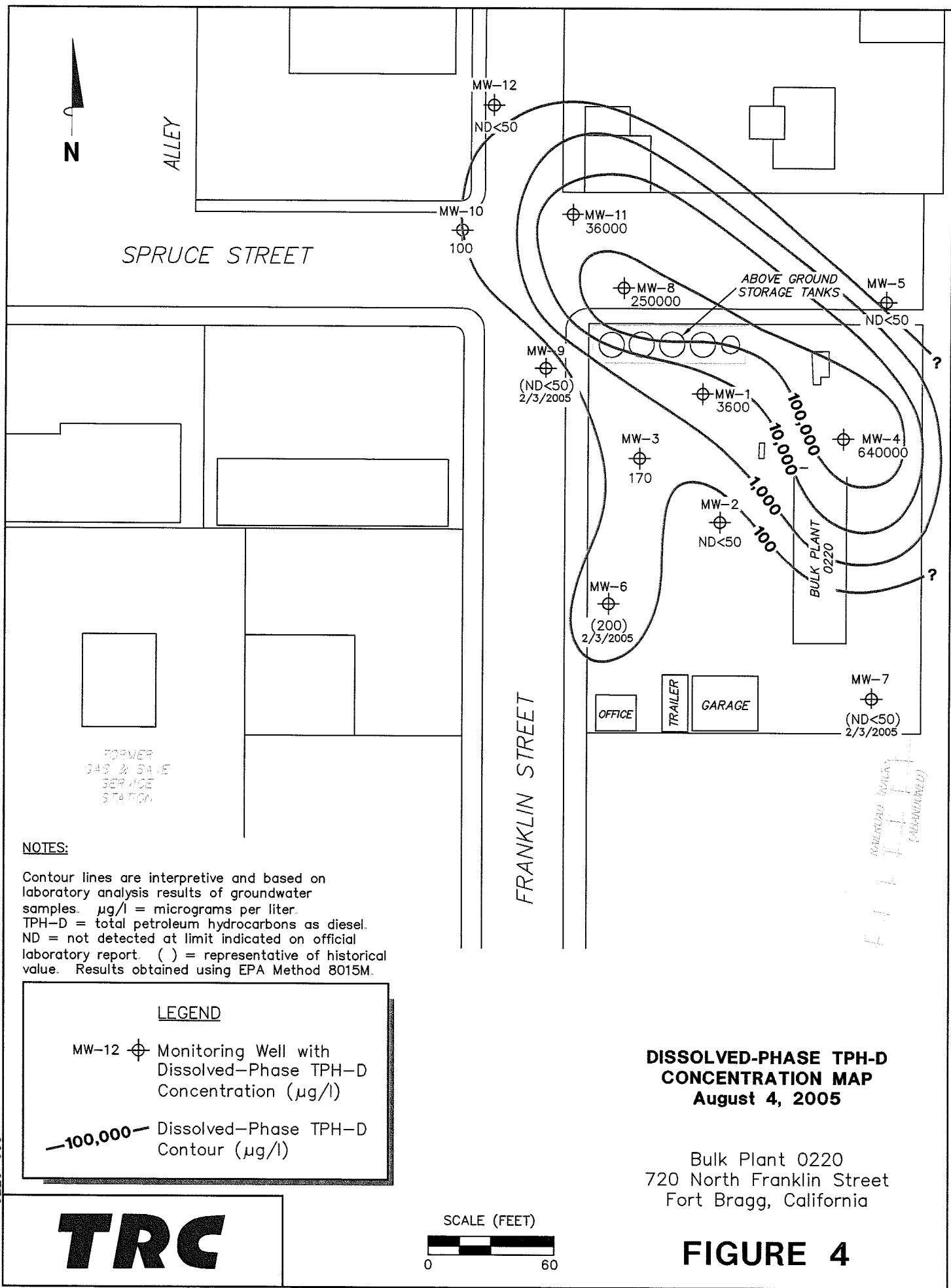
-10,000- Dissolved-Phase TPPH Contour ($\mu\text{g/l}$)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
August 4, 2005

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

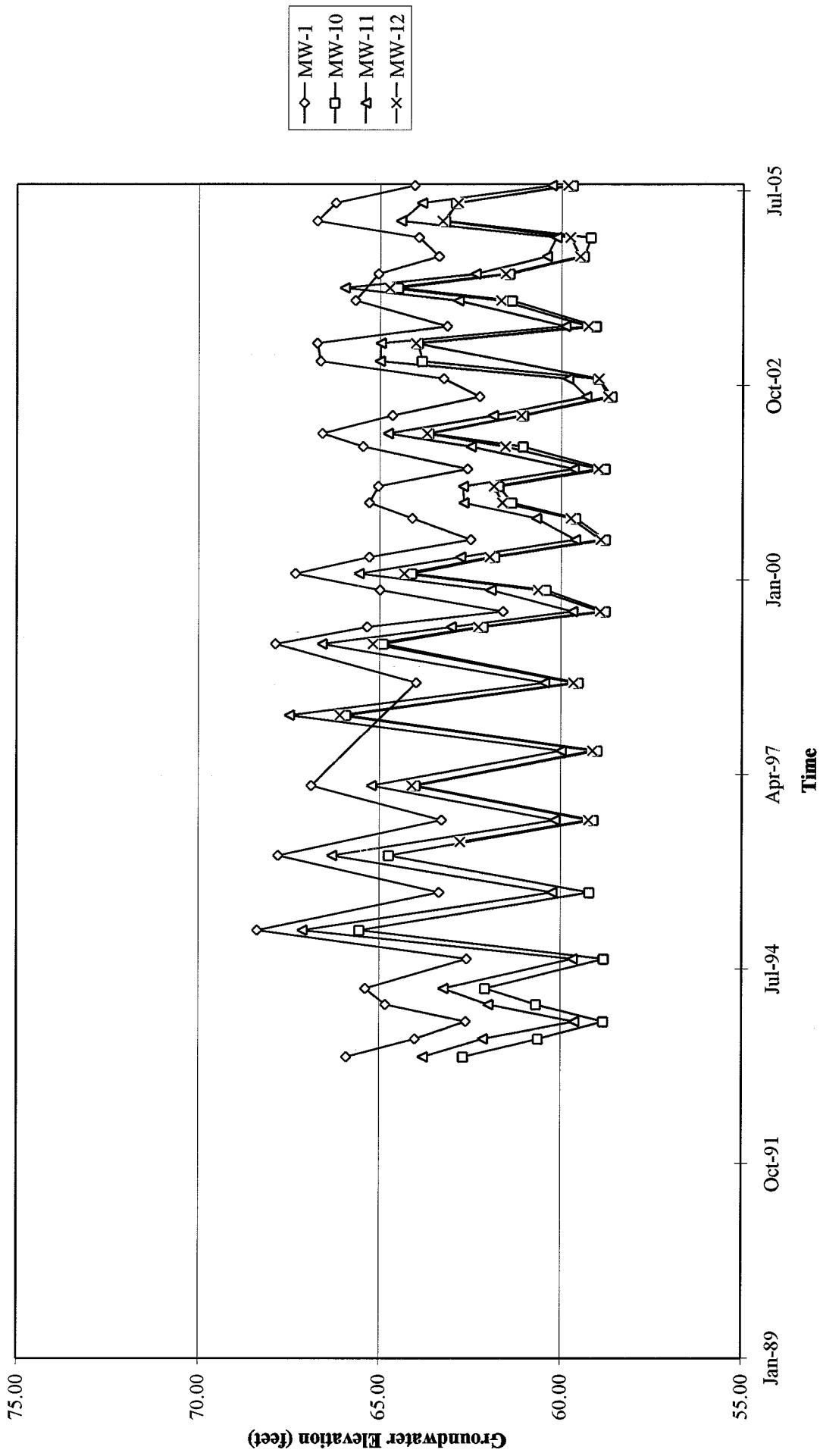
SCALE (FEET)
0 60

FIGURE 3

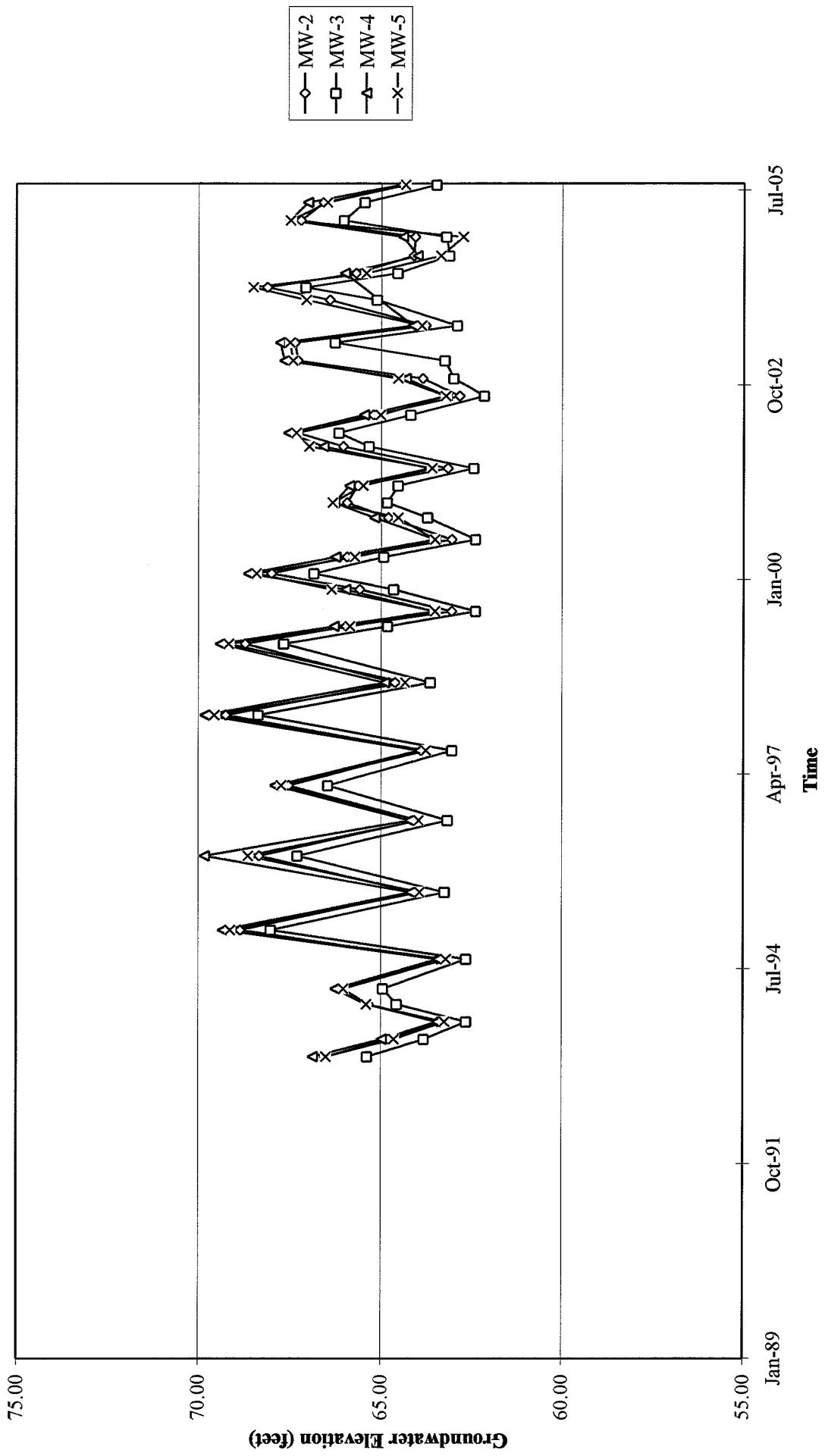


GRAPHS

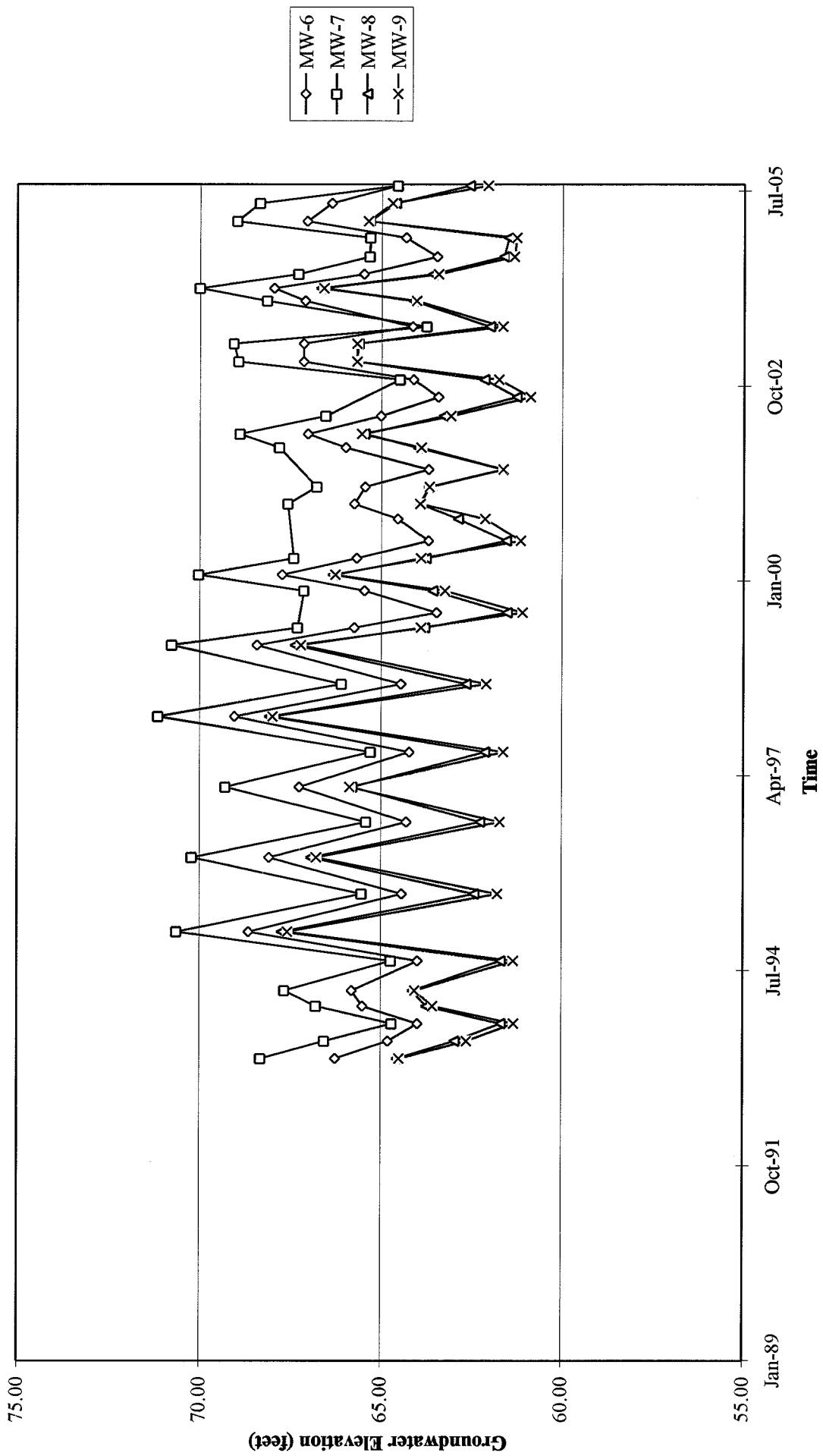
Groundwater Elevations vs. Time
Bulk Plant 0220



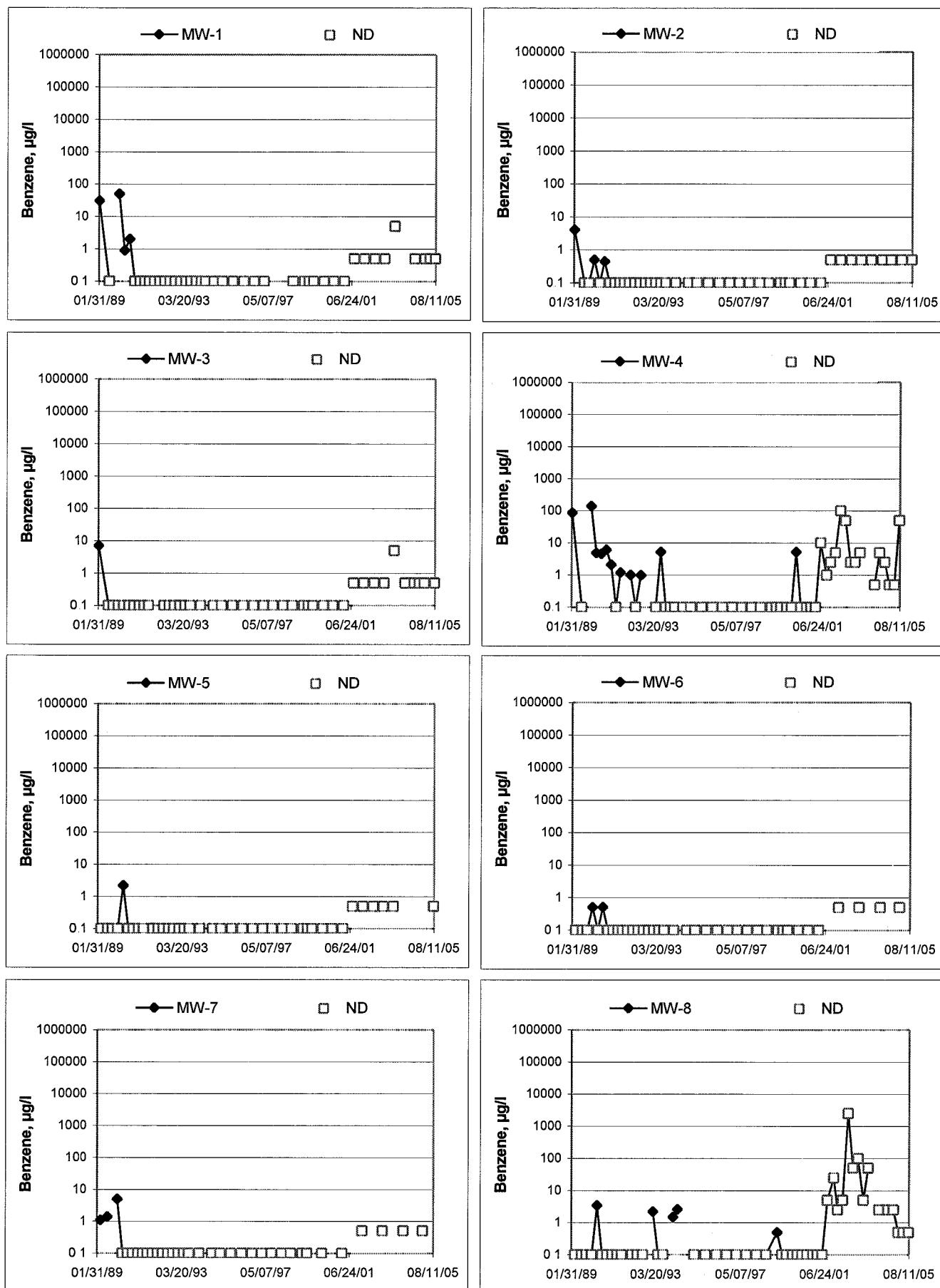
Groundwater Elevations vs. Time
Bulk Plant 0220



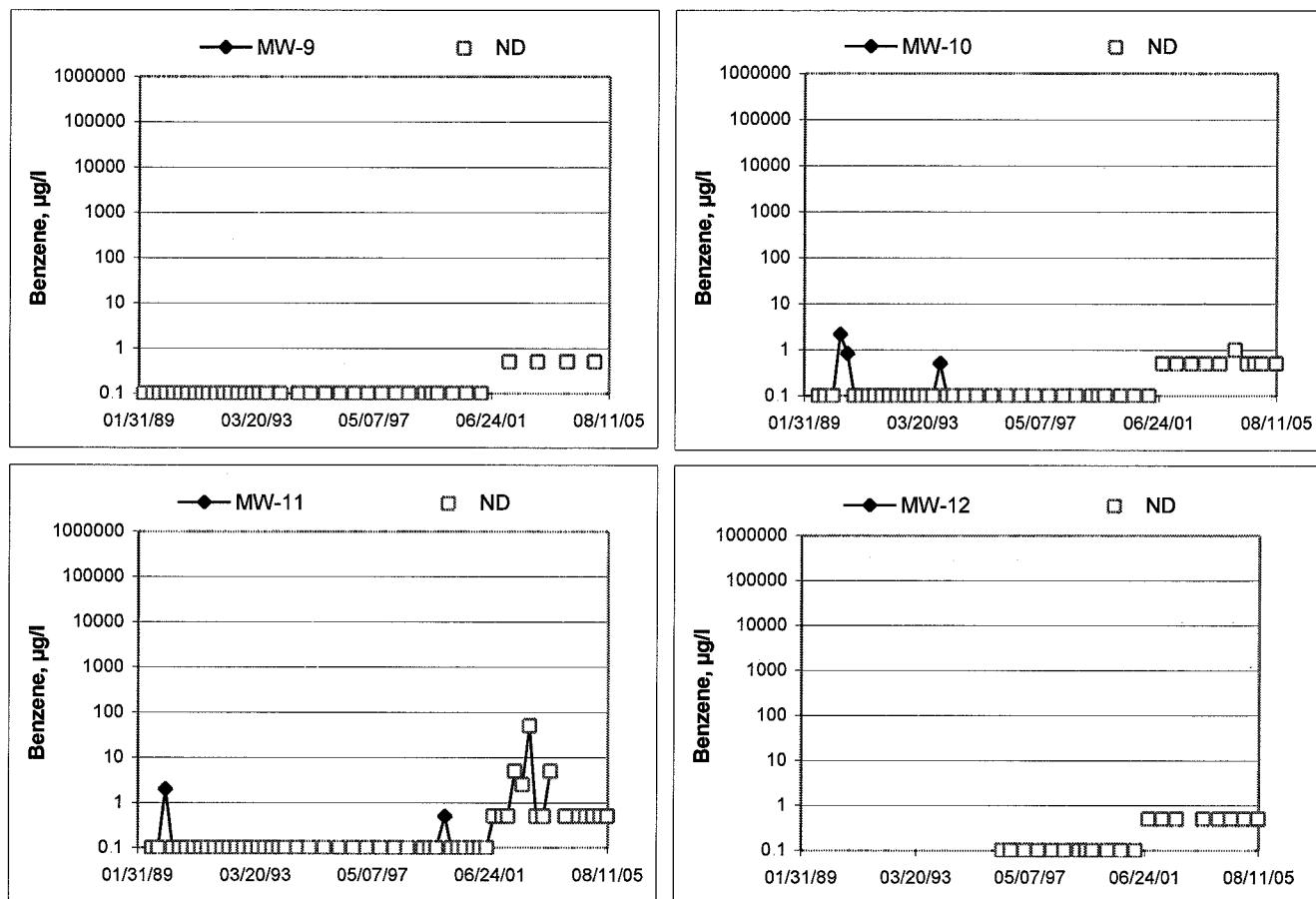
Groundwater Elevations vs. Time
Bulk Plant 0220



Benzene Concentrations vs Time
Bulk Plant 0220



Benzene Concentrations vs Time
Bulk Plant 0220



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: A. Hammett
Melissa

Job #/Task #: 41050001/FA20

Date: 08-04-05

Site # 0220

Project Manager A. Collins

Page of

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220

Technician: Melissa

Project No.: 41050001

Date: 08-04-05

Well No.: MW-12

Purge Method: _____

Depth to Water (feet): 13.13

Depth to Product (feet): _____

Total Depth (feet): 19.25

I PH & Water Recovered (gallons): _____

Water Column (feet): (2.12)

Casing Diameter (Inches): 2

80% Bechame Depth (feet): 14 35

1 Well Volume (gallons): 1

Well No.: MW-10

Purge Method: _____

Depth to Water (feet): 12.53

Depth to Product (feet):

Total Depth (feet): 1933

LPH & Water Recovered (gallons): —

Water Column (feet): 6.80

Casing Diameter (Inches): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220

Technician: Melissa

Project No.: 41060001

Date: 08-04-05

Well No.: MW-5

Depth to Water (feet): 15.45

Purge Method: _____

Depth to Water (feet): 13.6

Depth to Product (feet): _____

Total Depth (feet): 19.66

LPH & Water Recovered (gallons): _____

Water Column (feet) 4.21

Casing Diameter (Inches): 2"

soil: Bottom Depth (feet): 16.29

1 Well Volume (gallons): 5

Well No.: MW-11

Depth to Water (feet): 13.49

Purge Method: _____

Total Depth (feet): 19-68

Depth to Product (feet): 10

Water Column (feet):

I PH & Water Recovered (gallons): 0

Water Column (feet): 6.18

Casing Diameter (Inches):

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 0220

Project No.: 41050001

Date: 29-09-05

+ Well No.: MW-9

Purge Method: _____

Depth to Water (feet): 11.25

Depth to Product (feet): 8

Total Depth (feet): 18.79

LPH & Water Recovered (gallons):

Water Column (feet): 7.54 m.s

Casing Diameter (Inches): 2"

80% Bechame Depth (feet): 12.75 ns

1 Well Volume (gallons): ~~X~~^{no}

Well No.: MW-8

Purge Method: Hb

HB

Depth to Water (feet): 12.02

Depth to Product (feet): _____

Total Depth (feet): 15.63

LPH & Water Recovered (gallons): _____

Water Column (feet): 3.61

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.74

1 Well Volume (gallons): .5

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220

Technician: A. Hanmer

Project No.: 41030001

Date: 08-04-05

+ Well No.: MW-7

Depth to Water (feet): 13.35

Purge Method: _____

Total Depth (feet): 1854

Depth to Product (feet): _____

Water Column (feet):

Capac-Diameter (Lochbest)

80% Recharge Depth (feet): _____

1. Well Volume (gallons):

7 Well No.: MW-6

Purge Method: _____

Depth to Water (feet): 11.76

Depth to Product (feet): _____

Total Depth (feet): 18-27

LPH & Water Recovered (gallons):

Water Column (feet): _____

Casing Diameter (Inches): 2 1/2

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Hammett

Site: 0220

Well No.: MW-3

Depth to Water (feet): 13.36

Total Depth (feet): 22.02

Water Column (feet): 8.66

80% Recharge Depth (feet): 15.09

ANSWER *What is the name of the author of the book?*

Purge Method

Date: 08-04-05

Project No.: 41050001

41050001

HB

Depth to Product (feet): _____

I PH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

Well No.: MW-1

Depth to Water (feet): 13.60

Total Depth (feet): 2101

Water Column (feet): 7.41

80% Recharge Depth (feet): 15.08

Purge Method: H5

Time	Fins	Depth
------	------	-------

Depth to Product (feet): _____

Stadt Stop To Water

LPH & Water Recovered (gallons): _____

Water Column (feet): 24

Casing Diameter (Inches): 2

Water column (feet): 15.08

1 Well Volume (gallons):

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Hammett

Site: 0220

Project No.: 41050001

Date: 08-04-05

Well No.: MW-4

Purge Method HB

Depth to Water (feet): 14.49

Depth to Product (feet): _____

Total Depth (feet): 18.91

| PH & Water Recovered (gallons):

Water Column (feet) 4.42

Casing Diameter (Inches): 2"

80% Bechame Depth (feet): 15.37

1 Well Volume (gallons): 1

80 % Recharge Depth (m)

1000

Well No.: MW-2

Purge Method _____ HB

Depth to Water (feet): 13.66

Depth to Product (feet): _____

Total Depth (feet): 28.44

LPH & Water Recovered (gallons):

Water Column (feet): 11.78

Casing Diameter (Inches): 2"

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0220

Project No.: H1D50001

Date: 08-29-05

Well No.: NW-9

Purge Method _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Well No.: MW-6

Purge Method _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

GROUNDWATER SAMPLING FIELD NOTES

Technician: AnthonySite: 0220Project No.: 41050001Date: 08-29-05Well No.: MW-7

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
<u>0818</u>	—			<u>161</u>	<u>55.0</u>	<u>5.89</u>		
Static at Time Sampled			Total Gallons Purged			Time Sampled		

Comments: _____

Well No.: _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged			Time Sampled		

Comments: _____

TRC Alton Geoscience- Irvine

August 31, 2005

21 Technology Drive

Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips #0220

Site: 720 N. Franklin St.

Attached is our report for your samples received on 08/05/2005 09:30

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/19/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	08/04/2005 11:15	Water	1
MW-10	08/04/2005 12:14	Water	2
MW-11	08/04/2005 11:55	Water	3
MW-12	08/04/2005 12:22	Water	4

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-4

Lab ID: 2005-08-0205 - 1

Sampled: 08/04/2005 11:15

Extracted: 8/5/2005 12:47

Matrix: Water

QC Batch#: 2005/08/05-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	5.00	08/05/2005 12:47	
Sulfate	12	2.0	mg/L	5.00	08/05/2005 12:47	

Misc Anions by Ion Chromatograph

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21 Technology Drive
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-10

Lab ID: 2005-08-0205 - 2

Sampled: 08/04/2005 12:14

Extracted: 8/5/2005 13:02

Matrix: Water

QC Batch#: 2005/08/05-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	5.00	08/05/2005 13:02	
Sulfate	45	2.0	mg/L	5.00	08/05/2005 13:02	

Misc Anions by Ion Chromatograph

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-11

Lab ID: 2005-08-0205 - 3

Sampled: 08/04/2005 11:55

Extracted: 8/5/2005 13:17

Matrix: Water

QC Batch#: 2005/08/05-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	5.00	08/05/2005 13:17	
Sulfate	18	2.0	mg/L	5.00	08/05/2005 13:17	

Misc Anions by Ion Chromatograph

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-12

Lab ID: 2005-08-0205 - 4

Sampled: 08/04/2005 12:22

Extracted: 8/5/2005 13:33

Matrix: Water

QC Batch#: 2005/08/05-02.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	6.6	1.0	mg/L	5.00	08/05/2005 13:33	
Sulfate	20	2.0	mg/L	5.00	08/05/2005 13:33	

Misc Anions by Ion Chromatograph

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 300.0/9056

Test(s): 300.0/9056

Method Blank**Water****QC Batch # 2005/08/05-02.41**

MB: 2005/08/05-02.41-001

Date Extracted: 08/05/2005 12:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Nitrate	ND	1	mg/L	08/05/2005 12:00	
Sulfate	ND	2	mg/L	08/05/2005 12:00	

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 300.0/9056

Test(s): 300.0/9056

Laboratory Control Spike**Water****QC Batch # 2005/08/05-02.41**

LCS 2005/08/05-02.41-002

Extracted: 08/05/2005

Analyzed: 08/05/2005 12:16

LCSD 2005/08/05-02.41-003

Extracted: 08/05/2005

Analyzed: 08/05/2005 12:31

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %	Flags			
	LCS	LCSD		LCS	LCSD			Rec.	RPD	LCS	LCSD
Nitrate	26.5	26.7	26.7	99.3	100.0	0.7	80-120	20			
Sulfate	29.9	30.1	30	99.7	100.3	0.6	80-120	20			

Misc Anions by Ion Chromatograph

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s):	300.0/9056	Test(s):	300.0/9056
Matrix Spike (MS / MSD)			
MW-12 >> MS	Water	QC Batch # 2005/08/05-02.41	
MS:	2005/08/05-02.41-004	Extracted: 08/05/2005	Lab ID: 2005-08-0205 - 004
MSD:	2005/08/05-02.41-005	Extracted: 08/05/2005	Analyzed: 08/05/2005 13:49
		Dilution: 5.00	Analyzed: 08/05/2005 14:04
		Dilution: 5.00	Dilution: 5.00

Compound	Conc. mg/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/L	MS	MSD	RPD	Rec.	RPD	MS
Nitrate	141	142	6.64	133.5	100.6	101.4	0.8	80-120	20		
Sulfate	169	170	20.0	150.0	99.3	100.0	0.7	80-120	20		

Dissolved Metals

TRC Alton Geoscience- Irvine

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	08/04/2005 11:15	Water	1
MW-10	08/04/2005 12:14	Water	2
MW-11	08/04/2005 11:55	Water	3
MW-12	08/04/2005 12:22	Water	4

Dissolved Metals

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3005A	Test(s):	6010B			
Sample ID:	MW-4	Lab ID:	2005-08-0205 - 1			
Sampled:	08/04/2005 11:15	Extracted:	8/8/2005 16:31			
Matrix:	Water	QC Batch#:	2005/08/08-07.15			
<hr/>						
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	0.41	0.20	mg/L	1.00	08/09/2005 12:29	
Manganese	0.84	0.0050	mg/L	1.00	08/09/2005 12:29	

Dissolved Metals

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3005A	Test(s):	6010B
Sample ID:	MW-10	Lab ID:	2005-08-0205 - 2
Sampled:	08/04/2005 12:14	Extracted:	8/8/2005 16:31
Matrix:	Water	QC Batch#:	2005/08/08-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	0.65	0.20	mg/L	1.00	08/09/2005 12:32	
Manganese	1.1	0.0050	mg/L	1.00	08/09/2005 12:32	

Dissolved Metals

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3005A	Test(s):	6010B
Sample ID:	MW-11	Lab ID:	2005-08-0205 - 3
Sampled:	08/04/2005 11:55	Extracted:	8/8/2005 16:31
Matrix:	Water	QC Batch#:	2005/08/08-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	0.43	0.20	mg/L	1.00	08/09/2005 12:36	
Manganese	0.24	0.0050	mg/L	1.00	08/09/2005 12:36	

Dissolved Metals

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3005A

Test(s): 6010B

Sample ID: **MW-12**

Lab ID: 2005-08-0205 - 4

Sampled: 08/04/2005 12:22

Extracted: 8/8/2005 16:31

Matrix: Water

QC Batch#: 2005/08/08-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	08/09/2005 12:39	
Manganese	ND	0.0050	mg/L	1.00	08/09/2005 12:39	

Dissolved Metals

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Method Blank**Water****QC Batch # 2005/08/08-07.15**

MB: 2005/08/08-07.15-032

Date Extracted: 08/08/2005 16:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Iron	ND	0.20	mg/L	08/09/2005 11:33	
Manganese	ND	0.0050	mg/L	08/09/2005 11:33	

Dissolved Metals

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike**Water****QC Batch # 2005/08/08-07.15**

LCS 2005/08/08-07.15-033
LCSD 2005/08/08-07.15-034

Extracted: 08/08/2005
Extracted: 08/08/2005

Analyzed: 08/09/2005 11:36
Analyzed: 08/09/2005 11:40

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Iron	5.22	5.37	5.00	104.4	107.4	2.8	80-120	20		
Manganese	0.524	0.539	0.500	104.8	107.8	2.8	80-120	20		

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	08/04/2005 11:15	Water	1
MW-10	08/04/2005 12:14	Water	2
MW-11	08/04/2005 11:55	Water	3
MW-12	08/04/2005 12:22	Water	4
MW-1	08/04/2005 11:05	Water	5
MW-2	08/04/2005 11:27	Water	6
MW-3	08/04/2005 10:57	Water	7
MW-5	08/04/2005 11:50	Water	8
MW-8	08/04/2005 11:34	Water	9

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-4	Lab ID:	2005-08-0205 - 1
Sampled:	08/04/2005 11:15	Extracted:	8/12/2005 23:56
Matrix:	Water	QC Batch#:	2005/08/12-2C.68
Analysis Flag: L2, pH: <2 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	16000	5000	ug/L	100.00	08/12/2005 23:56	
Benzene	ND	50	ug/L	100.00	08/12/2005 23:56	
Toluene	ND	50	ug/L	100.00	08/12/2005 23:56	
Ethylbenzene	ND	50	ug/L	100.00	08/12/2005 23:56	
Total xylenes	ND	100	ug/L	100.00	08/12/2005 23:56	
Methyl tert-butyl ether (MTBE)	ND	50	ug/L	100.00	08/12/2005 23:56	
Surrogate(s)						
1,2-Dichloroethane-d4	100.8	73-130	%	100.00	08/12/2005 23:56	
Toluene-d8	100.3	81-114	%	100.00	08/12/2005 23:56	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-10	Lab ID:	2005-08-0205 - 2
Sampled:	08/04/2005 12:14	Extracted:	8/13/2005 01:14
Matrix:	Water	QC Batch#:	2005/08/12-2C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	08/13/2005 01:14	
Benzene	ND	0.50	ug/L	1.00	08/13/2005 01:14	
Toluene	ND	0.50	ug/L	1.00	08/13/2005 01:14	
Ethylbenzene	ND	0.50	ug/L	1.00	08/13/2005 01:14	
Total xylenes	ND	1.0	ug/L	1.00	08/13/2005 01:14	
Methyl tert-butyl ether (MTBE)	4.1	0.50	ug/L	1.00	08/13/2005 01:14	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	73-130	%	1.00	08/13/2005 01:14	
Toluene-d8	103.9	81-114	%	1.00	08/13/2005 01:14	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-11	Lab ID:	2005-08-0205 - 3
Sampled:	08/04/2005 11:55	Extracted:	8/14/2005 14:23
Matrix:	Water	QC Batch#:	2005/08/14-1B.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	200	50	ug/L	1.00	08/14/2005 14:23	Q1
Benzene	ND	0.50	ug/L	1.00	08/14/2005 14:23	
Toluene	ND	0.50	ug/L	1.00	08/14/2005 14:23	
Ethylbenzene	ND	0.50	ug/L	1.00	08/14/2005 14:23	
Total xylenes	ND	1.0	ug/L	1.00	08/14/2005 14:23	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/14/2005 14:23	
Surrogate(s)						
1,2-Dichloroethane-d4	103.1	73-130	%	1.00	08/14/2005 14:23	
Toluene-d8	99.2	81-114	%	1.00	08/14/2005 14:23	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-12	Lab ID:	2005-08-0205 - 4
Sampled:	08/04/2005 12:22	Extracted:	8/13/2005 02:32
Matrix:	Water	QC Batch#:	2005/08/12-2C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	08/13/2005 02:32	
Benzene	ND	0.50	ug/L	1.00	08/13/2005 02:32	
Toluene	ND	0.50	ug/L	1.00	08/13/2005 02:32	
Ethylbenzene	ND	0.50	ug/L	1.00	08/13/2005 02:32	
Total xylenes	ND	1.0	ug/L	1.00	08/13/2005 02:32	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/13/2005 02:32	
Surrogate(s)						
1,2-Dichloroethane-d4	109.0	73-130	%	1.00	08/13/2005 02:32	
Toluene-d8	99.2	81-114	%	1.00	08/13/2005 02:32	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2005-08-0205 - 5
Sampled:	08/04/2005 11:05	Extracted:	8/15/2005 08:30
Matrix:	Water	QC Batch#:	2005/08/15-1D.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	1000	50	ug/L	1.00	08/15/2005 08:30	
Benzene	ND	0.50	ug/L	1.00	08/15/2005 08:30	
Toluene	ND	0.50	ug/L	1.00	08/15/2005 08:30	
Ethylbenzene	ND	0.50	ug/L	1.00	08/15/2005 08:30	
Total xylenes	ND	1.0	ug/L	1.00	08/15/2005 08:30	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/15/2005 08:30	
Surrogate(s)						
1,2-Dichloroethane-d4	94.7	73-130	%	1.00	08/15/2005 08:30	
Toluene-d8	102.5	81-114	%	1.00	08/15/2005 08:30	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2005-08-0205 - 6
Sampled:	08/04/2005 11:27	Extracted:	8/13/2005 02:58
Matrix:	Water	QC Batch#:	2005/08/12-2C.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	08/13/2005 02:58	
Benzene	ND	0.50	ug/L	1.00	08/13/2005 02:58	
Toluene	ND	0.50	ug/L	1.00	08/13/2005 02:58	
Ethylbenzene	ND	0.50	ug/L	1.00	08/13/2005 02:58	
Total xylenes	ND	1.0	ug/L	1.00	08/13/2005 02:58	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/13/2005 02:58	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	73-130	%	1.00	08/13/2005 02:58	
Toluene-d8	93.7	81-114	%	1.00	08/13/2005 02:58	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2005-08-0205 - 7
Sampled:	08/04/2005 10:57	Extracted:	8/13/2005 11:40
Matrix:	Water	QC Batch#:	2005/08/13-1B.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	08/13/2005 11:40	
Benzene	ND	0.50	ug/L	1.00	08/13/2005 11:40	
Toluene	ND	0.50	ug/L	1.00	08/13/2005 11:40	
Ethylbenzene	ND	0.50	ug/L	1.00	08/13/2005 11:40	
Total xylenes	ND	1.0	ug/L	1.00	08/13/2005 11:40	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/13/2005 11:40	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	73-130	%	1.00	08/13/2005 11:40	
Toluene-d8	99.4	81-114	%	1.00	08/13/2005 11:40	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-5	Lab ID: 2005-08-0205 - 8
Sampled: 08/04/2005 11:50	Extracted: 8/13/2005 00:58
Matrix: Water	QC Batch#: 2005/08/12-2B.62
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	08/13/2005 00:58	
Benzene	ND	0.50	ug/L	1.00	08/13/2005 00:58	
Toluene	ND	0.50	ug/L	1.00	08/13/2005 00:58	
Ethylbenzene	ND	0.50	ug/L	1.00	08/13/2005 00:58	
Total xylenes	ND	1.0	ug/L	1.00	08/13/2005 00:58	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/13/2005 00:58	
Surrogate(s)						
1,2-Dichloroethane-d4	88.7	73-130	%	1.00	08/13/2005 00:58	
Toluene-d8	91.8	81-114	%	1.00	08/13/2005 00:58	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-8	Lab ID:	2005-08-0205 - 9
Sampled:	08/04/2005 11:34	Extracted:	8/14/2005 15:16
Matrix:	Water	QC Batch#:	2005/08/14-1B.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	490	50	ug/L	1.00	08/14/2005 15:16	Q1
Benzene	ND	0.50	ug/L	1.00	08/14/2005 15:16	
Toluene	ND	0.50	ug/L	1.00	08/14/2005 15:16	
Ethylbenzene	ND	0.50	ug/L	1.00	08/14/2005 15:16	
Total xylenes	ND	1.0	ug/L	1.00	08/14/2005 15:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/14/2005 15:16	
Surrogate(s)						
1,2-Dichloroethane-d4	99.0	73-130	%	1.00	08/14/2005 15:16	
Toluene-d8	105.9	81-114	%	1.00	08/14/2005 15:16	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2005/08/12-2B.62**

MB: 2005/08/12-2B.62-032

Date Extracted: 08/13/2005 00:32

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	08/13/2005 00:32	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/13/2005 00:32	
Benzene	ND	0.5	ug/L	08/13/2005 00:32	
Toluene	ND	0.5	ug/L	08/13/2005 00:32	
Ethylbenzene	ND	0.5	ug/L	08/13/2005 00:32	
Total xylenes	ND	1.0	ug/L	08/13/2005 00:32	
Surrogates(s)					
1,2-Dichloroethane-d4	88.2	73-130	%	08/13/2005 00:32	
Toluene-d8	94.4	81-114	%	08/13/2005 00:32	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/12-2C.68

MB: 2005/08/12-2C.68-002

Date Extracted: 08/12/2005 20:02

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	08/12/2005 20:02	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/12/2005 20:02	
Benzene	ND	0.5	ug/L	08/12/2005 20:02	
Toluene	ND	0.5	ug/L	08/12/2005 20:02	
Ethylbenzene	ND	0.5	ug/L	08/12/2005 20:02	
Total xylenes	ND	1.0	ug/L	08/12/2005 20:02	
Surrogates(s)					
1,2-Dichloroethane-d4	107.0	73-130	%	08/12/2005 20:02	
Toluene-d8	96.8	81-114	%	08/12/2005 20:02	

Gas/BTEX/MTBE by 8260B

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/13-1B.68

MB: 2005/08/13-1B.68-023

Date Extracted: 08/13/2005 10:23

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	08/13/2005 10:23	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/13/2005 10:23	
Benzene	ND	0.5	ug/L	08/13/2005 10:23	
Toluene	ND	0.5	ug/L	08/13/2005 10:23	
Ethylbenzene	ND	0.5	ug/L	08/13/2005 10:23	
Total xylenes	ND	1.0	ug/L	08/13/2005 10:23	
Surrogates(s)					
1,2-Dichloroethane-d4	99.0	73-130	%	08/13/2005 10:23	
Toluene-d8	104.6	81-114	%	08/13/2005 10:23	

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Conoco Phillips #0220

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Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/14-1B.68

MB: 2005/08/14-1B.68-050

Date Extracted: 08/14/2005 10:50

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	08/14/2005 10:50	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/14/2005 10:50	
Benzene	ND	0.5	ug/L	08/14/2005 10:50	
Toluene	ND	0.5	ug/L	08/14/2005 10:50	
Ethylbenzene	ND	0.5	ug/L	08/14/2005 10:50	
Total xylenes	ND	1.0	ug/L	08/14/2005 10:50	
Surrogates(s)					
1,2-Dichloroethane-d4	107.1	73-130	%	08/14/2005 10:50	
Toluene-d8	102.5	81-114	%	08/14/2005 10:50	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/15-1D.65

MB: 2005/08/15-1D.65-049

Date Extracted: 08/15/2005 07:49

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	08/15/2005 07:49	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/15/2005 07:49	
Benzene	ND	0.5	ug/L	08/15/2005 07:49	
Toluene	ND	0.5	ug/L	08/15/2005 07:49	
Ethylbenzene	ND	0.5	ug/L	08/15/2005 07:49	
Total xylenes	ND	1.0	ug/L	08/15/2005 07:49	
Surrogates(s)					
1,2-Dichloroethane-d4	91.5	73-130	%	08/15/2005 07:49	
Toluene-d8	97.3	81-114	%	08/15/2005 07:49	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

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Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/08/12-2B.62**

LCS 2005/08/12-2B.62-051
LCSD

Extracted: 08/13/2005

Analyzed: 08/13/2005 00:06

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	44.6		25	89.2		65-165	20			
Benzene	51.6		25	103.2		69-129	20			
Toluene	45.1		25	90.2		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	389		500	77.8		73-130				
Toluene-d8	468		500	93.6		81-114				

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/08/12-2C.68**

LCS 2005/08/12-2C.68-036
LCSD

Extracted: 08/12/2005

Analyzed: 08/12/2005 19:36

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.1		25	96.4			65-165	20		
Benzene	22.4		25	89.6			69-129	20		
Toluene	21.2		25	84.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	436		500	87.2			73-130			
Toluene-d8	515		500	103.0			81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/08/13-1B.68**LCS 2005/08/13-1B.68-054
LCSD

Extracted: 08/13/2005

Analyzed: 08/13/2005 09:54

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.9		25	107.6			65-165	20		
Benzene	24.8		25	99.2			69-129	20		
Toluene	25.4		25	101.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415		500	83.0			73-130			
Toluene-d8	528		500	105.6			81-114			

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/08/14-1B.68**LCS 2005/08/14-1B.68-024
LCSD

Extracted: 08/14/2005

Analyzed: 08/14/2005 10:24

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	28.9		25	115.6			65-165	20		
Benzene	25.6		25	102.4			69-129	20		
Toluene	25.1		25	100.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	405		500	81.0			73-130			
Toluene-d8	520		500	104.0			81-114			

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

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Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/08/15-1D.65**

LCS 2005/08/15-1D.65-023
LCSD

Extracted: 08/15/2005

Analyzed: 08/15/2005 07:23

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1		25	100.4		65-165	20			
Benzene	24.0		25	96.0		69-129	20			
Toluene	25.4		25	101.6		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	463		500	92.6		73-130				
Toluene-d8	488		500	97.6		81-114				

Gas/BTEX/MTBE by 8260B

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Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B	Test(s): 8260B	
Matrix Spike (MS / MSD)	Water	QC Batch # 2005/08/12-2B.62
MW-5 >> MS		Lab ID: 2005-08-0205 - 008
MS: 2005/08/12-2B.62-024	Extracted: 08/13/2005	Analyzed: 08/13/2005 01:24
MSD: 2005/08/12-2B.62-050	Extracted: 08/13/2005	Dilution: 1.00
		Analyzed: 08/13/2005 01:50
		Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	24.0	23.1	ND	25	96.0	92.4	3.8	65-165	20		
Benzene	29.1	26.6	ND	25	116.4	106.4	9.0	69-129	20		
Toluene	25.0	23.3	ND	25	100.0	93.2	7.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	424	443		500	84.8	88.6		73-130			
Toluene-d8	483	471		500	96.6	94.2		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
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Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B	Test(s): 8260B
Matrix Spike (MS / MSD)	Water
MW-4 >> MS	QC Batch # 2005/08/12-2C.68
MS: 2005/08/12-2C.68-022	Lab ID: 2005-08-0205 - 001
MSD: 2005/08/12-2C.68-048	Extracted: 08/13/2005
	Analyzed: 08/13/2005 00:22
	Dilution: 100.00
	Extracted: 08/13/2005
	Analyzed: 08/13/2005 00:48
	Dilution: 100.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	3200	2950	ND	2500	128.0	118.0	8.1	65-165	20		
Benzene	2680	2770	ND	2500	107.2	110.8	3.3	69-129	20		
Toluene	2470	2460	2.48	2500	98.7	98.3	0.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	496	437		500	99.2	87.4		73-130			
Toluene-d8	527	508		500	105.4	101.6		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B	Test(s): 8260B
Matrix Spike (MS / MSD)	Water
MS/MSD	QC Batch # 2005/08/13-1B.68
MS: 2005/08/13-1B.68-017	Extracted: 08/13/2005
MSD: 2005/08/13-1B.68-043	Extracted: 08/13/2005
	Lab ID: 2005-08-0081 - 008
	Analyzed: 08/13/2005 14:17
	Dilution: 40.00
	Analyzed: 08/13/2005 14:43
	Dilution: 40.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	2130	1940	927	1000	120.3	101.3	17.1	65-165	20		
Benzene	1650	1870	1010	1000	64.0	86.0	29.3	69-129	20		
Toluene	1560	1750	779	1000	78.1	97.1	21.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	439	500		500	87.8	100.0		73-130			
Toluene-d8	488	500		500	97.6	100.0		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch # 2005/08/14-1B.68	
MS/MSD		Lab ID:	2005-08-0081 - 008
MS:	2005/08/14-1B.68-031	Extracted:	08/14/2005 13:31
MSD:	2005/08/14-1B.68-057	Extracted:	08/14/2005 13:57
		Dilution:	10.00
		Analyzed:	08/14/2005 13:57
		Dilution:	10.00
		Analyzed:	

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	1150	1190	927	250	89.2	105.2	16.5	65-165	20		
Benzene	1210	1170	1010	250	80.0	64.0	22.2	69-129	20		
Toluene	1010	1040	779	250	92.4	104.4	12.2	70-130	20		R4,M5
Surrogate(s)											
1,2-Dichloroethane-d4	372	358		500	74.4	71.5		73-130			S6
Toluene-d8	476	498		500	95.2	99.6		81-114			

Gas/BTEX/MTBE by 8260B

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 Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 5030B	Test(s): 8260B
Matrix Spike (MS / MSD)	Water
MW-1 >> MS	QC Batch # 2005/08/15-1D.65
MS: 2005/08/15-1D.65-056	Lab ID: 2005-08-0205 - 005
MSD: 2005/08/15-1D.65-022	Extracted: 08/15/2005
	Analyzed: 08/15/2005 08:56
	Dilution: 1.00
	Extracted: 08/15/2005
	Analyzed: 08/15/2005 09:22
	Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.5	24.0	ND	25	94.0	96.0	2.1	65-165	20		
Benzene	22.8	24.4	ND	25	91.2	97.6	6.8	69-129	20		
Toluene	25.7	26.3	ND	25	102.8	105.2	2.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	474	477		500	94.8	95.3		73-130			
Toluene-d8	498	495		500	99.6	99.1		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present
in the sample.

Result Flag

M5

MS/MSD spike recoveries were below acceptance limits.
See blank spike (LCS).

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

R1

Analyte RPD was out of QC limits.

R4

RPD exceeded method control limit; % recoveries within limits.

S6

Surrogate recoveries lower than acceptance limits.
Matrix interference suspected

Diesel (C9-C24)

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	08/04/2005 11:15	Water	1
MW-10	08/04/2005 12:14	Water	2
MW-11	08/04/2005 11:55	Water	3
MW-12	08/04/2005 12:22	Water	4
MW-1	08/04/2005 11:05	Water	5
MW-2	08/04/2005 11:27	Water	6
MW-3	08/04/2005 10:57	Water	7
MW-5	08/04/2005 11:50	Water	8
MW-8	08/04/2005 11:34	Water	9

Diesel (C9-C24)

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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-4	Lab ID:	2005-08-0205 - 1
Sampled:	08/04/2005 11:15	Extracted:	8/15/2005 13:57
Matrix:	Water	QC Batch#:	2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	640000	5000	ug/L	100.00	08/27/2005 18:50	Q2
Surrogate(s) o-Terphenyl	NA	64-127	%	100.00	08/27/2005 18:50	S3

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3511
Sample ID: **MW-10**
Sampled: 08/04/2005 12:14
Matrix: Water

Test(s): 8015M
Lab ID: 2005-08-0205 - 2
Extracted: 8/15/2005 13:57
QC Batch#: 2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	100	50	ug/L	1.00	08/27/2005 19:17	Q2
Surrogate(s) o-Terphenyl	95.0	64-127	%	1.00	08/27/2005 19:17	

Diesel (C9-C24)

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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-11	Lab ID:	2005-08-0205 - 3
Sampled:	08/04/2005 11:55	Extracted:	8/15/2005 13:57
Matrix:	Water	QC Batch#:	2005/08/15-08.10
Compound		Conc.	RL
Diesel		36000	2500
Surrogate(s)		NA	ug/L
o-Terphenyl		64-127	%
Dilution			Analyzed
50.00			08/27/2005 19:44
50.00			08/27/2005 19:44
Flag			Q2
			S3

Diesel (C9-C24)

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-12	Lab ID:	2005-08-0205 - 4
Sampled:	08/04/2005 12:22	Extracted:	8/15/2005 13:57
Matrix:	Water	QC Batch#:	2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/26/2005 07:30	
Surrogate(s)						
o-Terphenyl	110.9	64-127	%	1.00	08/26/2005 07:30	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-1

Lab ID: 2005-08-0205 - 5

Sampled: 08/04/2005 11:05

Extracted: 8/15/2005 13:57

Matrix: Water

QC Batch#: 2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3600	100	ug/L	2.00	08/27/2005 20:11	Q2
Surrogate(s) o-Terphenyl	96.4	64-127	%	2.00	08/27/2005 20:11	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-2

Lab ID: 2005-08-0205 - 6

Sampled: 08/04/2005 11:27

Extracted: 8/15/2005 13:57

Matrix: Water

QC Batch#: 2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/26/2005 20:24	
Surrogate(s) o-Terphenyl	116.9	64-127	%	1.00	08/26/2005 20:24	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3511
Sample ID: MW-3
Sampled: 08/04/2005 10:57
Matrix: Water

Test(s): 8015M
Lab ID: 2005-08-0205 - 7
Extracted: 8/15/2005 13:57
QC Batch#: 2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	170	50	ug/L	1.00	08/27/2005 21:32	Q2
Surrogate(s) o-Terphenyl	99.9	64-127	%	1.00	08/27/2005 21:32	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-5

Lab ID: 2005-08-0205 - 8

Sampled: 08/04/2005 11:50

Extracted: 8/15/2005 13:57

Matrix: Water

QC Batch#: 2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/27/2005 22:53	
Surrogate(s) o-Terphenyl	106.6	64-127	%	1.00	08/27/2005 22:53	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-8	Lab ID:	2005-08-0205 - 9
Sampled:	08/04/2005 11:34	Extracted:	8/15/2005 13:57
Matrix:	Water	QC Batch#:	2005/08/15-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	250000	2500	ug/L	50.00	08/29/2005 13:37	Q2
Surrogate(s) o-Terphenyl	NA	64-127	%	50.00	08/29/2005 13:37	S3

Diesel (C9-C24)

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Method Blank

Water

QC Batch # 2005/08/15-08.10

MB: 2005/08/15-08.10-003

Date Extracted: 08/15/2005 13:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	08/27/2005 17:29	
Surrogates(s) o-Terphenyl	94.8	64-127	%	08/27/2005 17:29	

Diesel (C9-C24)

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2005/08/15-08.10**

LCS 2005/08/15-08.10-001

Extracted: 08/15/2005

Analyzed: 08/24/2005 21:59

LCSD 2005/08/15-08.10-002

Extracted: 08/15/2005

Analyzed: 08/24/2005 22:27

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	608	618	680	89.4	90.9	1.7	60-150	25		
Surrogates(s) o-Terphenyl	1.41	1.34	1.25	112.7	107.6		64-127	0		

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0220

Received: 08/05/2005 09:30

Site: 720 N. Franklin St.

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

S3

Surrogate recovery not reportable due to required dilution.



STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

August 22, 2005

STL LOT NUMBER: E5H090340

Dimple Sharma
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Ms. Sharma,

This report contains the analytical results for the four samples received under chain of custody by STL Los Angeles on August 9, 2005. These samples are associated with your Submission No. 2005-08-0205.

The preliminary results were sent via facsimile on August 18, 2005.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number is 01118CA / E87652.

This report shall not be reproduced except in full, without the written approval of the laboratory.

000019

This report contains _____ pages.





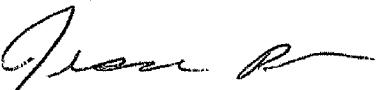
STL

CASE NARRATIVE

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. Any matrix related anomalies are footnoted within the report.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,



Jesse Bacwaden
Project Manager

CC: Project File



SEVERN
TRENT

STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. CONOCO PHILLIPS #0220

2005-08-0205-1

Lot #: E5H090340

Dimple Sharma

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden
Project Manager

August 18, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5H090340

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
MW-4 08/04/05 11:15 001				
Methane	0.014	0.0010	mg/L	RSK SOP-175
MW-10 08/04/05 12:14 002				
Methane	0.0016	0.0010	mg/L	RSK SOP-175
MW-11 08/04/05 11:55 003				
Methane	0.0070	0.0010	mg/L	RSK SOP-175

METHODS SUMMARY

ESH090340

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Dissolved Gases in Water	RSK SOP-175	RSK RSKSOP-175

References:

RSK Sample Prep and Calculations for Dissolved Gas Analysis
 in Water Samples Using a GC Headspace Equilibration
 Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab

SAMPLE SUMMARY

E5H090340

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HG784	001	MW-4	08/04/05	11:15
HG786	002	MW-10	08/04/05	12:14
HG787	003	MW-11	08/04/05	11:55
HG788	004	MW-12	08/04/05	12:22

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: MW-4

GC Volatiles

Lot-Sample #....: E5H090340-001 Work Order #....: HG7841AA Matrix.....: W
Date Sampled...: 08/04/05 11:15 Date Received..: 08/09/05 10:00 MS Run #.....:
Prep Date.....: 08/15/05 Analysis Date..: 08/15/05
Prep Batch #....: 5228172 Analysis Time..: 14:22
Dilution Factor: 1
Analyst ID.....: 101605 Instrument ID...: GC3
Method.....: RSK SOP-175

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Methane	0.014	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-10

GC Volatiles

Lot-Sample #....: E5H090340-002 Work Order #....: HG7861AA Matrix.....: W
Date Sampled....: 08/04/05 12:14 Date Received...: 08/09/05 10:00 MS Run #.....:
Prep Date.....: 08/15/05 Analysis Date...: 08/15/05
Prep Batch #....: 5228172 Analysis Time...: 14:40
Dilution Factor: 1.
Analyst ID.....: 101605 Instrument ID...: GC3
Method.....: RSK SOP-175

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Methane	0.0016	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-11

GC Volatiles

Lot-Sample #....: E5H090340-003 Work Order #....: HG7871AA Matrix.....: W
Date Sampled....: 08/04/05 11:55 Date Received...: 08/09/05 10:00 MS Run #.....:
Prep Date.....: 08/15/05 Analysis Date...: 08/15/05
Prep Batch #....: 5228172 Analysis Time...: 15:57
Dilution Factor: 1
Analyst ID.....: 101605 Instrument ID...: GC3
Method.....: RSK SOP-175

REPORTING

PARAMETER	RESULT	LIMIT	UNITS
Methane	0.0070	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-12

GC Volatiles

Lot-Sample #....: E5H090340-004 Work Order #....: HG7881AA Matrix.....: W
Date Sampled...: 08/04/05 12:22 Date Received...: 08/09/05 10:00 MS Run #.....:
Prep Date.....: 08/15/05 Analysis Date...: 08/15/05
Prep Batch #....: 5228172 Analysis Time...: 16:13
Dilution Factor: 1
Analyst ID.....: 101605 Instrument ID...: GC3
Method.....: RSK SOP-175

PARAMETER	REPORTING		
	RESULT	LIMIT	UNITS
Methane	ND	0.0010	mg/L



QA/QC

QC DATA ASSOCIATION SUMMARY

E5H090340

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	W	RSK SOP-175		5228172	
002	W	RSK SOP-175		5228172	
003	W	RSK SOP-175		5228172	
004	W	RSK SOP-175		5228172	

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E5H090340 Work Order #....: HHKP71AA Matrix.....: WATER
MB Lot-Sample #: MSH160000-172
Analysis Date...: 08/15/05 Prep Date.....: 08/15/05 Analysis Time..: 08:39
Dilution Factor: 1 Prep Batch #: 5228172 Instrument ID..: GC3
 Analyst ID.....: 101605

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
Methane	ND	0.0010	mg/L	RSK SOP-175

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E5H090340 **Work Order #....:** HHKP71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: M5H160000-172 **HHKP71AD-LCSD**
Prep Date.....: 08/15/05 **Analysis Date...:** 08/15/05
Prep Batch #....: 5228172 **Analysis Time...:** 08:03
Dilution Factor: 1 **Instrument ID...:** GC3
Analyst ID.....: 101605

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
Carbon dioxide	100	(75 - 135)	2.3	(0-20)	RSK SOP-175
	102	(75 - 135)			RSK SOP-175
Ethane	99	(70 - 125)	0.97	(0-20)	RSK SOP-175
	100	(70 - 125)			RSK SOP-175
Ethene	91	(70 - 125)	1.1	(0-20)	RSK SOP-175
	92	(70 - 125)			RSK SOP-175
Methane	108	(70 - 125)	0.93	(0-30)	RSK SOP-175
	109	(70 - 125)			RSK SOP-175

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E5H090340 Work Order #....: HHKP71AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: M5H160000-172 HHKP71AD-LCSD
 Prep Date.....: 08/15/05 Analysis Date...: 08/15/05
 Prep Batch #....: 5228172 Analysis Time...: 08:03
 Dilution Factor: 1 Instrument ID...: GC3
 Analyst ID.....: 101605

PARAMETER	SPIKE	MEASURED		PERCENT	METHOD
	AMOUNT	AMOUNT	UNITS	RECOVERY	
Carbon dioxide	18.0	18.0	mg/L	100	RSK SOP-175
	18.0	18.4	mg/L	102	RSK SOP-175
Ethane	0.612	0.605	mg/L	99	RSK SOP-175
	0.612	0.611	mg/L	100	RSK SOP-175
Ethene	0.571	0.519	mg/L	91	RSK SOP-175
	0.571	0.525	mg/L	92	RSK SOP-175
Methane	0.327	0.353	mg/L	108	RSK SOP-175
	0.327	0.357	mg/L	109	RSK SOP-175

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results

Bold print denotes control parameters

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 8/9/05

LIMS Lot #: E516090340

Quote #: -62426 62426 8-10-05

Client Name: STL SAN FRANCISCO

Project: 4/050001FA20

Received by: Salvador Mogollones

Date/Time Received: 8/9/05 10:06 5M

Delivered by: Client STL DHL Fed Ex UPS Other

***** Initial / Date

8/9/05 5M

Custody Seal Status Cooler: Intact Broken None

Custody Seal Status Samples: Intact Broken None

Custody Seal #(s): No Seal #.....

Sampler Signature on COC Yes No

N/A...

IR Gun # A Correction Factor .4 °C IR passed daily verification Yes No

Temperature - BLANK 6.3°C +/- .4 CF = 5.9 °C

Temperature - COOLER (____ °C ____ °C ____ °C ____ °C) = avg °C +/- CF = ____ °C....

Samples outside temperature criteria but received within 6 hours of final sampling Yes

N/A...

Sample Container(s): STL-LA Client

One COC/Multiple coolers: Yes- # coolers _____ All within temp criteria Yes No N/A....

One or more coolers with an anomaly: Yes - (fill out PRC for each)

N/A ...

Samples: Intact Broken Other

pH measured: Yes Anomaly (if checked, notify lab and file NCM) N/A..

Anomalies: No Yes - complete CUR and Create NCM NCM #

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. Yes N/A....

Labeled by: SAL M. Labeling checked

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL 5 DAY

Short-Hold Notification: pH Wet Chem Metals (Filter/Pres) Encore >1/2 HT expired...

Outside Analysis(es) (Test/Lab/Date Sent Out):

8/9/05 5M

***** LEAVE NO BLANK SPACES ; USE N/A *****

Headspace Anomaly

N/A 8/9/05 5M

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm

LIMS Lot # E-511090340

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	<u>1-4</u>											
VOAH/*												
VOA	X2											
	<u>SM 8/11/05</u>											

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore
AGB: Amber Glass Bottle, n/f:HNO3-Lab filtered, n/f:HNO3-Field filtered, znaa: Zinc Acetate/Sodium Hydroxide, Na2S2O3: sodium thiosulfate

Condition Upon Receipt Anomaly Form				<input checked="" type="checkbox"/> N/A <u>8/9/05 SM</u>
<ul style="list-style-type: none"> COOLERS <input type="checkbox"/> Not Received (received COC only) <input type="checkbox"/> Leaking <input type="checkbox"/> Other: 		<ul style="list-style-type: none"> CUSTODY SEALS (COOLER(S)) <input type="checkbox"/> None <input type="checkbox"/> Not Intact <input type="checkbox"/> Other 		CONTAINER(S)
<ul style="list-style-type: none"> TEMPERATURE (SPECS 4 ± 2°C) <input type="checkbox"/> Cooler Temp(s) <input type="checkbox"/> Temperature Blank(s) 		<ul style="list-style-type: none"> CHAIN OF CUSTODY (COC) <input type="checkbox"/> Not relinquished by Client; No date/time relinquished <input type="checkbox"/> Incomplete information provided <input type="checkbox"/> Other <input type="checkbox"/> COC not received - notify PM 		
<ul style="list-style-type: none"> CONTAINERS <input type="checkbox"/> Leaking <input type="checkbox"/> Voa Vials with Bubbles > 6mm <input type="checkbox"/> Broken <input type="checkbox"/> Extra <input type="checkbox"/> Without Labels <input type="checkbox"/> Other: 		<ul style="list-style-type: none"> LABELS <input type="checkbox"/> Not the same ID/info as in COC <input type="checkbox"/> Incomplete Information <input type="checkbox"/> Markings/Info illegible <input type="checkbox"/> Torn 		
<ul style="list-style-type: none"> SAMPLES <input type="checkbox"/> Samples NOT RECEIVED but listed on COC <input type="checkbox"/> Samples received but NOT LISTED on COC <input type="checkbox"/> Logged based on Label Information <input type="checkbox"/> Logged based on info from other samples on COC <input type="checkbox"/> Logged according to Work Plan <input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE 		<input type="checkbox"/> Will be noted on COC - Client to send samples with new COC <input type="checkbox"/> Mislabeled as to tests, preservatives, etc. <input type="checkbox"/> Holding time expired - list sample ID and test <input type="checkbox"/> Improper container used <input type="checkbox"/> Not preserved/Improper preservative used <input type="checkbox"/> Improper pH _____ Lab to preserve sample and document <input type="checkbox"/> Insufficient quantities for analysis <input type="checkbox"/> Other		
<p>Comments:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
<p><input type="checkbox"/> Corrective Action Implemented: <input type="checkbox"/> Client Informed: verbally on _____ By: _____ <input type="checkbox"/> In writing on _____ By: _____ <input type="checkbox"/> Sample(s) on hold until: _____ <input type="checkbox"/> Sample(s) processed "as is."</p>				
Logged by/Date:		PM Review/Date:		
<u>Albert Dargan 8/9/05</u>		<u>Bruce T 8-11-05</u>		

SIEVERN
TRENT
STL

Chain of Custody

Date Shipped: 8/8/2005

2005-08-0205 - 1

From:	To:		
STL San Francisco (CL) 1220 Quarry Lane Pleasanton, CA 94566-4756	STL Los Angeles - Sub contract 1721 South Grand Avenue Santa Ana, CA 92705		
Project Manager: Phone: (925) 484-1919	Dimple Sharma Ext: (714) 258-8610 Ext: (714) 258-0921		
Fax: Email:	(925) 484-1096 dsharma@stl-inc.com		
CL Submission #: CL PO #:	Project #: 41050001FA20 Project Name: Conoco Phillips #0220 EDF Global ID: T0604593174		
Client Sample ID: Analysis	Client Sampled	Matrix	
MW-4 EDF Field ID: MW-4 Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/	1	8/4/2005 11:15:00AM	Water
MW-10 EDF Field ID: MW-10 Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/	2	8/4/2005 12:14:00PM	Water
MW-11 EDF Field ID: MW-11 Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/	3	8/4/2005 11:55:00AM	Water
MW-12 EDF Field ID: MW-12 Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/	4	8/4/2005 12:22:00PM	Water

PLEASE INCLUDE QC WITH FAXED AND HARD COPY RESULTS

RELINQUISHED BY: Signature Printed Name Company	1. 1500 Time Date	RELINQUISHED BY: Signature Printed Name Company	2.	RELINQUISHED BY: Signature Printed Name Company	3.
RECEIVED BY: Signature Printed Name Company	1. 10:00 Time Date	RECEIVED BY: Signature Printed Name Company	2.	RECEIVED BY: Signature Printed Name Company	3.

STL-San Francisco

ConocoPhillips Chain Of Custody Record

ConocoPhillips Site Manager:		ConocoPhillips Work Order Number:	
INVOICE REMITTANCE ADDRESS:		092-77RC-501	
Attn: Dee Hutchinson 3611 South Harbor, Suite 200 Santa Ana, CA 92704		DATE: 08-04-05	
ConocoPhillips Cost Object:		PAGE: 1 of 1	
ConocoPhillips Site Number:		GLOBAL ID NO.: 706045-93174	
Name/Title:		ConocoPhillips Site Number:	
720 N. Franklin St		720 N. Franklin St	
Anju Faran		Peter Thomson, TRC	
Fax: 319-783-0111		Email: afaran@tcsolutions.com	
Telephone: 319-341-7430		CONOCOPHILLIPS PROJECT NUMBER: 490500011450	
Comments/Instructions:		REQUESTED ANALYSES:	
<input type="checkbox"/> 14 days <input type="checkbox"/> 7 days <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> less than 24 hours		<input checked="" type="checkbox"/> 805m - TPHD Extractable <input checked="" type="checkbox"/> 8250B - TPHG / BTEX / B Oxygenates <input checked="" type="checkbox"/> 8260B - TPHG / BTEX / B Oxygenates + methanol (QDSM) <input checked="" type="checkbox"/> 8260B - Full Scan VOCs (does not include oxygenates) <input checked="" type="checkbox"/> 8270C - Semi-Volatiles <input checked="" type="checkbox"/> 8015M / 8021B - TPH/GETEX/MEDE <input checked="" type="checkbox"/> 847EX / MTEB by 82260B <input checked="" type="checkbox"/> 847EX / BTEX by 82260B <input checked="" type="checkbox"/> Lead Total DSTLC DTPLP <input checked="" type="checkbox"/> Diesel Total Methane <input checked="" type="checkbox"/> Diesel Methane <input checked="" type="checkbox"/> Diesel Iron <input checked="" type="checkbox"/> Dieselene Methane <input checked="" type="checkbox"/> Nitrate & Sulphate	
SPECIAL INSTRUCTIONS OR NOTES:		FIELD NOTES:	
Check Box If EDI Required <input checked="" type="checkbox"/>		Containment/Preservation or PID Readings or Laboratory Notes 5 ec	
Turnaround time requested (days)		TEMPERATURE ON SITE (°C): 37 to 5	
<input type="checkbox"/> 14 days <input type="checkbox"/> 7 days <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> less than 24 hours			
Field Point names only required if different from Sample ID			
Label Order #	Sample Identif. Point	SAMPLING DATE	TIME
MW-4		8-4	1156w
MW-1D		1214	
MW-11		1	155
MW-12		1222	
MW-1		1105	
MW-2		1127	
MW-3		1057	
MW-5		1150	
MW-8		1134	
Received by (Signature): <i>[Signature]</i>		Received by (Signature): <i>[Signature]</i>	
Received by (Signature): <i>[Signature]</i>		Received by (Signature): <i>[Signature]</i>	
Date: 09/05/05		Time: 0930	

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.